

Vhi-UhiDIGEST

The Official Publication of the Worldwide TV-FM DX Association

OCTOBER 1992

From
Small
Acorns...

WLW-T
Television
Cincinnati

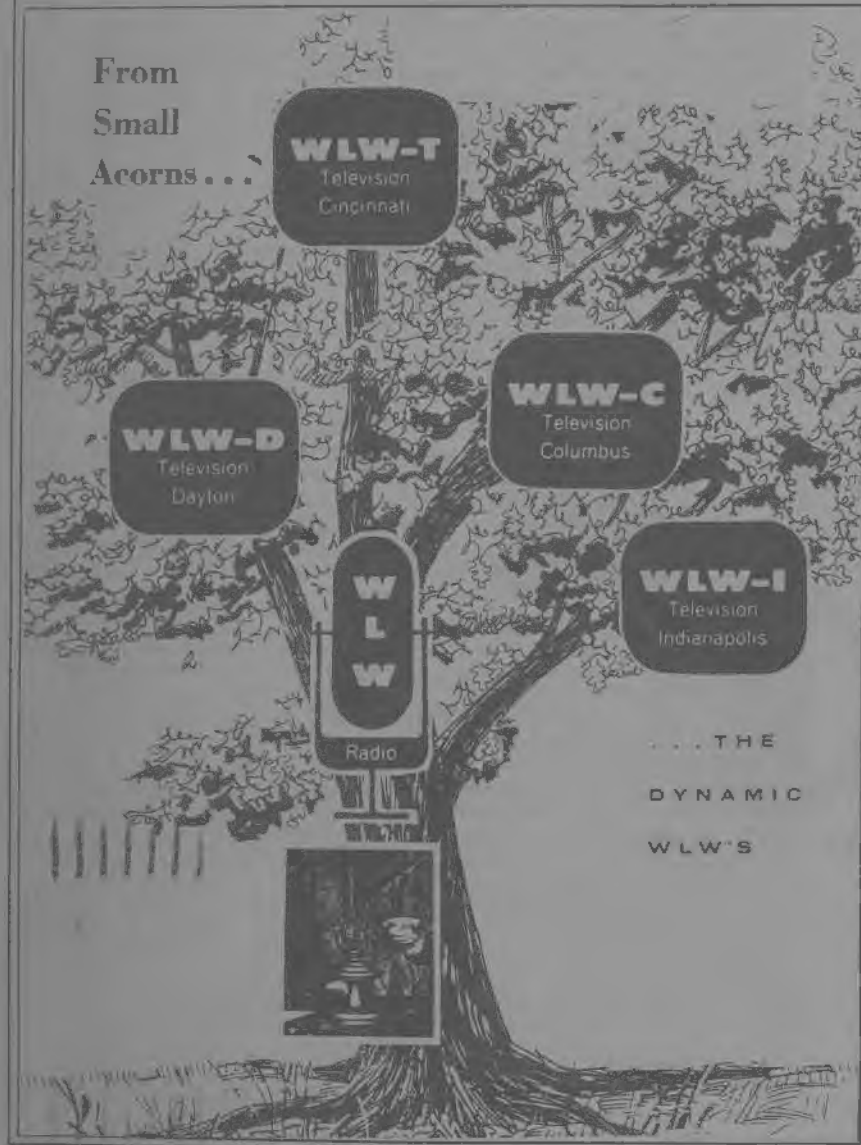
WLW-D
Television
Dayton

WLW-C
Television
Columbus

WLW-I
Television
Indianapolis

WLW
Radio

... THE
DYNAMIC
WLW'S



WORLDWIDE TV-FM DX ASSOCIATION
POST OFFICE BOX 514-BUFFALO, NY 14205-0514-U.S.A.

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first class mail

11/92
WILLIAM N NOLLMAN
35 NYE ROAD
GLASTONBURY CT 06033

Amateur TV Operator's Workbook!

NEW AMATEUR TV BOOK IS HOT SELLER!
MANUAL MAY BE OF INTEREST ALSO TO HOBBY TV-DX'ERS

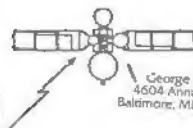
Mike Stone's (WB0QCD) new hefty size FAST SCAN TV manual entitled "AMATEUR TELEVISION OPERATOR'S WORKBOOK" which was released this year at the DAYTON, OHIO HAM-VENTION has all but SOLD OUT first edition copies (one box of 30 remain as of this printing). Nearly 1,000 first edition copies of the UNITED STATES ATV SOCIETY sponsored publication have been sold since April 1992. The thick book took nearly two-years to assemble. A.E.A. Corporation in Lynnwood, WA (one of the two sponsors of the book) purchased 500 initial copies to place into their 85 retail dealer stores nationwide. Direct over-the-counter and mail order sales have also been very good with several selected dealers having already placed several reorders. WYMAN RESEARCH, INC. of Waldron, IN, UNIVERSAL RADIO in Reynoldsburg, OH and SPECTRUM INTERNATIONAL, INC. of Concord, MA report steady sales of the new book through July. Assembler/Author and Publisher Mike Stone has published articles in past issues of Vnt/Uhf DIGEST about the subject.

A revised 2nd Edition production run of the book is planned for sometime in August/September with copies available this fall. This planned "updated" manual will have BROWN plastic and cardboard spiral covers instead of the blue bound versions made available on current first edition copies. It will still sell for \$14.95 per copy. New additions to the 170-page manual will include an over 250 operator listing of CATV employed HAM operators, information on Leo Zucker's (K2LZ) patented, dual-polarity, 1050 line HDTV FCC proposal, updates to Chapter Seven's EQUIPMENT SOURCE DIRECTORY and Chapter Twelve's ATV CLUB and ATV/R and RT pages, more great photos, e-x-p-a-n-d-e-d commercial advertising and other additional information. Commercial Advertisers desiring to get ADS into this edition should contact Mike Stone at QCD PUBLICATIONS immediately (319) 452-3628.



AMATEUR TV WORKBOOK
Fast Scan TV Manual
170 pages, 21 chapters
manual covering everything you need
to know about HAM TV. Assembled by
WB0QCD. Written by 11 authors.
Updated! (price some hard to find)
\$14.95 plus \$1.50 shipping.
No credit card.
QCD PUBLICATIONS, INC.
770 Quincy Avenue,
Clarence, IA 52216-9500

The AMATEUR TV OPERATOR'S WORKBOOK presently contains 21 Chapters written by 11 expert authors active in the field covering everything from Early Commercial and Amateur TV History, an easy to understand, well written study of the NTSC Video Signal, a listing World Broadcast Systems, Video Waveform Monitoring theory, the difference in Computer Video Images, Getting Started on ATV, Cameras, 3-Ki Building Projects, Transmitters and Receivers, Preamps, Sound & TV Audio, ATV Repeaters and Remote Transmitters, Special Events on FSTV including Contests and Awards, Antennas, Coaxial Cable, Amplifiers, Futuristic Digital TV Techniques, AM versus FM TV Signals, CATV and Hams, Reporting TV Signals (new Weighted dB P-Chart and TV Test Pattern included) with a 16-page Chart/Reference/Glossary section of TV and Video Industry Terminology. There are at least 182 known operating Amateur TV signal REPEATERS and REMOTE TRANSMITTERS located around the country in many major cities (listing provided in the book) in which hobby TV DX'ers might be able to pick up. Many are horizontally polarized systems. Several of these HAM-TV relay systems provide NASA Space Shuttle Video and Audio broadcasts. Regular evening viewing is quite interesting (and entertaining) to watch! Some systems employ L-I-V-E relayed WEATHER RADAR images from the NWS. Special event activities on Amateur TV include high-altitude balloon launches covering several states in viewable range, which travel upward to 100,000 feet before BURST while transmitting continuous breath taking pictures on HAM-TV frequencies (usually 430-250 MHz) with attached cameras and computer generators. HF SWL NETS are conducted on 40 and 80 meters LSB for TV HOBBYISTS to "tune in to" and listen to flight progress. There is also a large listing of known ATV CLUBS around the country (with address information). Many newer TV sets and VCR tuners have the capability of viewing Amateur TV signals that are sent in the 420-440 MHz band area just below UHF-TV Channel 14 without modification. Some TV's require an inexpensive UHF to VHF (Channel 3-4) DOWNCONVERTER box. WB0QCD's manual sells for a reasonable \$14.95 per copy plus \$1.50 for postage/handling. Orders for the book may be sent directly to the publisher: QCD PUBLICATIONS, INC., 770 Quincy Avenue, Clarence, IA 52216-9500. Please mention your W.T.F.D.A. membership when ordering.

**SATELLITE NEWS**

G-Star 3 93 West KuBand only
Used for occasional feeds - Non-Stationary orbit
due to malfunction.
27 - test Card noted

GALAXY 3 93.5 West (95 proposed) odds-Horiz./Evens-Vert.
1 - Encore VC2
2 - Fox Cable Network
7 - A. C. T. S.
8 - Home Shopping Club
9 - QVC Shopping Network
10 - EWTN
12 - Nu Star Cable Vision Promos for cable services
13 - the Weather Channel VC2
14 - C-Span II - U. S. Senate
15 - VH1 (Video Hits 1) VC2
16 - Viewers Choice 2 - Pay-Per-View VC2
17 - MTV - East VC2
18 - MTV - West VC2
19 - Nickelodeon - Nick-At-Night - East VC2
20 - Lifetime East VC2
21 - Views Choice Pay-Per-View VC2
22 - Nickelodeon - Nick-At-Night - West VC2
23 - Comedy Central - West VC2
24 - C-Span I - U. S. House of Representatives

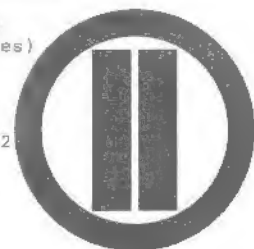
S B S 4 91 West KuBand only

Used primarily for instructional services and teleconferences

Spacenet 3 87 West Odds-Horizontal/Evens-Vertical
2 - Nebraska Public Television
3 - WSBK - Ch. 38 - Boston, Massachusetts VC2
4 - Nebraska Public Television (special services)
5 - KTVT - Ch. 11 - Dallas, Texas
8 - Access America
9 - WPIX - Ch. 11 - New York, New York VC2
11 - CNN feeds
15 - KTLA - Ch. 5 - Los Angeles, California VC2
16 - VCC - Video Catalog Channel
19 - SportSouth VC2 occ. CNN
21 - PASS sports channel VC2
22 - Las Vegas Television Network
23 - Home Team Sports VC2
24 - Satellite Market USA

SATCOM K1 85 West Ku Only
ALL TRANSPONDERS ARE IN MAC FORMAT - IS A DBS (direct broadcast service) SATELLITE FOR "PRIME STAR"

TELSTAR 302 85 West Odds-Vertical/Evens-Horizontal
5 - HBO II East VC2
7 - CBS feeds VC1
9 - HBO 3 East VC2
10 - ABC Los Angeles L
11 - ABC
14 - HBO II West VC2
16 - CBS feeds
18 - CBS feeds VC1
19 - CBS feeds VC1
20 - CBS feeds VC1
21 - Cinemax 2 East VC2
22 and 24 - occasional feeds many times in MAC



WPIX NEW YORK

SATCOM 4 82 West Odds-Horizontal/Even-Vertical
(this satellite used to be ANIK D2 and replaced F4
when it malfunctioned last year)

- 1 - Sports Channel - Philadelphia, Pennsylvania VC2
- 2 - Action Pay-Per-View VC2
- 3 - Sports Channel America VC2
- 4 - Cable Video Store Pay-Per-View VC2
- 5 - New England News Channel
- 6 - Madison Square Garden Network VC2
- 7 - Sports Channel - New York VC2
- 8 - Program Guide
- 9 - Sports Channel - Chicago, Illinois VC2
- 10 - Value Vision
- 11 - Sports Channel New York Plus VC2
- 12 - International Channel VC2
- 13 - NESN (New England Sports Network) VC2
- 14 - Sports Channel - Florida VC2
- 15 - Shop-At-Home
- 16 - Sports Channel - Ohio VC2
- 17 - misc. sports channels/Shop-At-Home
- 18 - Spice (Adult Pay-Per-View) VC2
- 21 - Nostalgia Television
- 22 - Playboy - Nights VC2
- Silent Network/Americas Disability Network/
Satellite City all these days....
- 23 - Sports Channel New England VC2
- 24 - Home Shopping Club Entertainment

SATCOM K2 81 West Ku band only

- 2 - NBC - East
- 8 - Cycle Sat
- 11 - NBC / CNBC
- 12 - Conus feeds
- 14 - NBC feeds
- 16 feeds
- 19 - NBC feeds
- 22 - NBC feeds
- 27 - NBC News Channel - feeds
- 28 - AT&T - MAC
- night - NATN - Chinese programming service
- 30 - NBC feeds



GALAXY 2 74 West Odds-Horizontal/Even-Vertical
This satellite is used primarily for feeds and a large
menu of SCPC audio services

- SATCOM 2 72 West Odds-Vertical/Even-Horizontal
- 1 - ANA - Arabic Network of America - evenings
 - 2 - WRAL - Ch. 5 - Raleigh, North Carolina (CBS) VC2
 - 3 - feeds
 - 4 - WABC - Ch. 7 - New York, New York (ABC) VC2
 - 5 - NASA feeds NOTE "L"
 - 7 - All News Channel VC2
 - 11 - Home Shopping Spree
 - 12 - WXIA - Ch. 11 - Atlanta, Georgia (NBC) VC2
 - 13 - NASA Select Television
 - 18 - International feeds
 - 20 - feeds
 - 21 - feeds
 - 22 - NHK - Tokyo Japan feeds
 - 23 - feeds
 - 24 - feeds

SPACENET 2 69 West Odds-Horizontal/Even-Vertical

- 2 - Dr. Eugene Scott's University Network
- 3 - WorldNet (U S Information Agency)
- 5 - Channel America
- 7 - Mainstreet Television
- 9 - Telemundo Network primary feed
- 10 - Galavision Europe (to PanAmSat)
- 11 - ESPN International MAC (to PanAmSat)
- 17 - Telemundo feeds
- 19 - KBL Sports - Pittsburgh, Pennsylvania VC2
- 20 - AFRTS MAC
- 21 - Cornerstone (WPCB - Ch. 40 Pittsburgh/Greensburg//
WRBS - Ch 47 Altoona/Johnstown, Pennsylvania)
- 22 - SUR - Panamericana Television - Lima, Peru
relay of many news and entertainment programs from
Peru, Argentina, Brazil, Chile, Venezuela, Colombia,
Ecuador, Dominican Republic)
- 23 - Empire Sports - New York
- 24 - Hero Teleport - Miami, Florida



On the KuBand side are the following
23 and 25 - 2 separate feeds of KET - The Kentucky,
Educational Television Network
on other transponders - Florida News Network
Tie-In Educational Network
(2 transponders)

BRAZIL SAT - 70 and 65 West

A number of services in Brazil use this satellite
but where is not known to me since the footprint
of this bird is nowhere near my location. Perhaps
someone in extreme south Florida can see something
from it. While using PAL color - they use a 525 line
scan, I believe. DXers take note.

INTELSAT VB 513 53 West *service not beamed here

- 4 - Argentina Cable TV (PAL)*
 - 11V - Serte Paris, France in PAL, SECAM and NTSC
 - 14V - Ch. 13 - Buenos Aires, Argentina MAC and PAL
 - 14H - BBC and ITN and others to US from London
uplink usually in PAL
 - 16H - usually a NTSC feed from London and Europe
- NO VIDEO NOTED ON THE KU BAND



PANAMSAT 1 45 West

generally hard to receive at this location, though
some in deep south could probably get pretty clear
reception of this bird on the C-Band side

- 1 - CNN MAC
 - 2 - TV Nacional de Chile
 - 5 - HBO Ole MAC
 - 10 - ESPN MAC
 - 15 - news feeds
 - 21 - something in MAC
 - 22 - primary feed of SUR - Panamericana Television
Lima, Peru
 - 24 - news and special events feeds
- ON THE KUBAND side things are much clearer with a good
US spot beam
- 1 - European news feeds to US in PAL and NTSC
 - 4 - Feeds in day - night Belgrade Television in NTSC
 - 14 and 15 - NHK Tokyo, Japan feeds
- a few other transponders may also be used for occasional
feeds

TDRS EAST 41 West

This is an active bird that I have never anything on NASA uses the Ku side for tracking and data relays and a US operator is discussing the C-Band for some type of transAtlantic services

INTELSAT V F4 (506) 34.5 West

While this is a new replacement satellite - it still seems to be in an inclined orbit
23 and 24 are used for news feeds - some of which have been noted lately with a fairly good signal considering past performance - this time from Rio at the Ecology Summit Nothing has been noted on the KuBand side.

INTELSAT VI F4 (601) 27.5 West

2 - TVE International - Madrid, Spain
3 - feeds
8 - Televen - Caracas, Venezuela *
9 - VTV - Caracas, Venezuela*
9 - Brightstar - London, England feed to North America
11 - NBC London feeds
14 - ABC London feeds
15 - WorldNet - USIA
16 - CBS - London feeds
18 - CNN - London feeds
22 - FBS/CIA feeds to US MAC
No KuBand noted here - it is beamed E to Europe

INTELSAT V1 F2 (605) 24.5 West

This satellite is carrying mostly data services though transponders 23 and 24 are beamed W with news feeds. No Ku has been noted

INTELSAT V F2 (502) 21.5 West

Was in inclined orbit, May now be replaced by the new Intelsat K which should carry much of the Olympic Games from Barcelona, Spain to North America

INTELSAT V F6 (515) 18.5 West

Again another oldie which carries news feeds on transponders 23 and 24. Nothing noted on Ku-Band

STATSIONAR/GORIZONT 4 14 West

1 and 6 have not been noted recently due to tree obstructions

STATSIONAR/GORIZONT 11 11 West

2 transponders seemed active when I was able to receive them until early Spring. 1 had usual Central TV type programs in SECAM while the second transponder carried feeds to CNN of the coup attempt and other feeds in NTSC.

This completes the listings of the video services received here at this location in Baltimore, Maryland. Satellite users should retain this list and update it as changes occur. In the next few months many changes will occur with the launches of Satcom C3 in September to replace F1 at 131 west. Satcom C4 to replace F4 in August, Galaxy 4 to be located where the current Galaxy 6 is located in December, and Galaxy 1R at 133 West to replace Galaxy 1.

That's all for now - see you in 30 and good DX!

73's

George

PHOTO-NEWS WTFDA

MAILING ADDRESS:
PHOTO-NEWS
12284 Nice Road
Akron NY 14001-9529

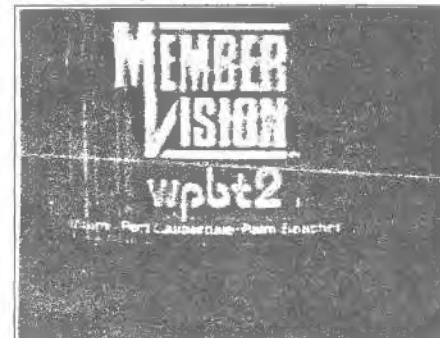
OCTOBER 1992

Trops season has begun! Here in Western New York, a rare east coast opening in August lasted two days 22 & 23rd. And one which started September 12th and still going on today the 14th is bringing in stations from eastern NY to mid continent.

Richard Shafton - Rockaway New Jersey is our first reporter.



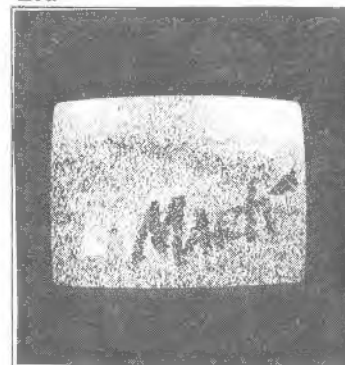
WLTN-19
Columbia South Carolina
600 mile tropo
seen May 20, 1992
at 0900 EDT



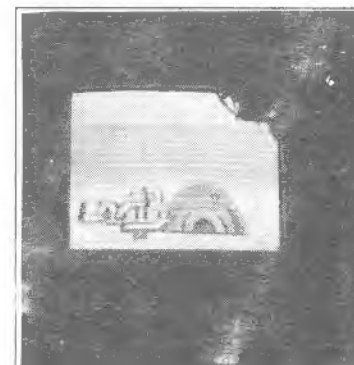
WPBT-2
Miami Florida
1100 mile E-skip
seen June 13, 1992
at 0900 EDT
"over local WCBS New York"

Thanks Rich.

Next is Chris Dunne - Pembroke Pines Florida using an FM antenna to capture his DX.



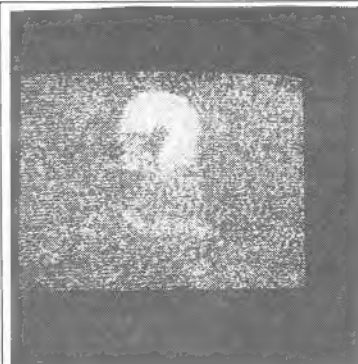
TV MARTI-13
Cudjoe Key Florida
110 mile tropo
seen June 1, 1992
at 0400 EDT



ZNS-13
Nassau Bahamas
200 mile tropo
seen July 2, 1992
at 1300 EDT

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on
the next
page

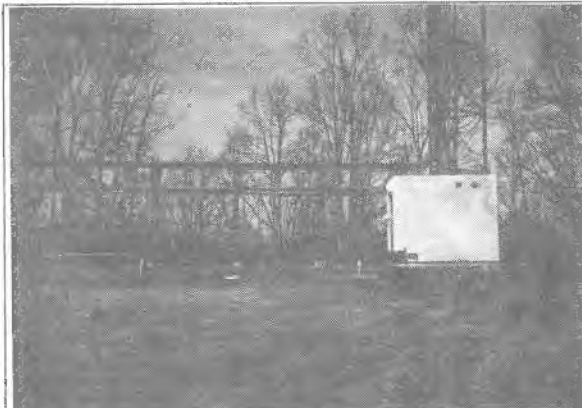
...we saved the best from Chris till last.



WKAQ-2
San Juan Puerto Rico
1000 + mile tropo
seen July 2, 1992
at 0210 EDT

Thanks Chris

From Dave Moody - Jasper Ohio via TV NEWS editor Doug Smith are site fotos of WPBO-42 Portsmouth Ohio



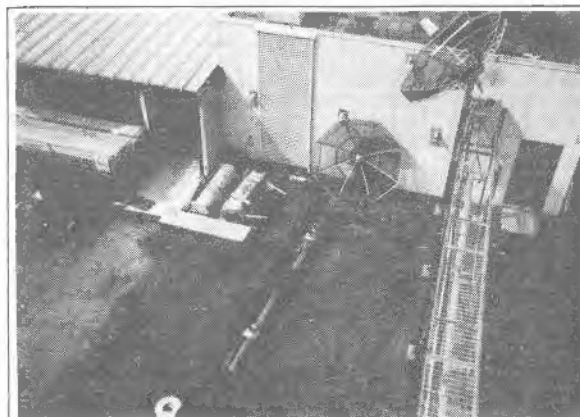
WPBO-42's tower
base and new
transmitting
antenna on the
ground



full view of the
new transmitter
building

continued
on the next
page

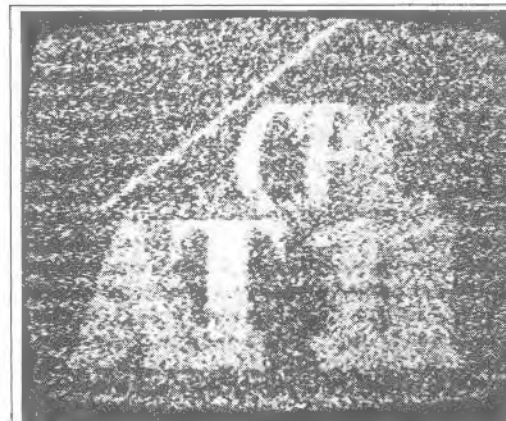
WPBO-TV transmitter site fotos from Dave Moody...



WPBO-TV
new building left
old building
right

Thanks Dave & Doug.

Robert Kramer - Chicago Illinois sent in a stack of DX fotos. Bob's equipment is: 1978 RCA 19" b&w, Sony 19" color set, Mitsubishi HS-422UR Stereo VCR. Archer U-120 UHF Yagi at 68', Archer V-185 log periodic at 58'; both antenna fed with RG-11 coax, 3 Archer adjustable preamps model 15-1113A, Alliance HD-73 rotor. Camera equipment: Ricoh XRM 35mm loaded with Kodak T-Max 400 b&w film



CBLN-40
London Ontario
338 mile tropo
seen September 11, 1991
at 0358 CDT

much more from Robert Kramer next time.

Station News: CHEX-12 in Peterborough Ontario has put on a relay near Toronto; +CHEX2-22 Oshawa Ontario. Reported ERP is from 2.8 to 7 kw.

Till next time, DAVE



(unidentified DX)
October 1992

Matt Sittel
603 Fulton Rd., Apt. B24
Tallahassee, FL 32312
(904) 386-2212
(please don't call
after 2200 unless DX!)

Well, this column should have appeared in August's VUD. But yours truly forgot the size specifications for typing this column so it didn't! There was no way I could get it re-typed for September's VUD as I had just moved in and I didn't have time to type with the unpacking that had to get done. Then I plunged right into school and there went the free time! But CCI is here, just a little late. I apologize. Now, on to the unIDs:

Michael Hawk (N00SY), 10212 P St., Omaha, NE 68127-2130

1991 TV:

Fri Aug 2 tr ch 6 0150 CDT -- Religion. PTA: central and south IA, N. MO, E. KS.

1992 TV:

Tue May 5 Es ch 2 1705 CDT -- 2 unIDs. One mentioned a 315 area code (north central New York). Much CCI. PTA: NY. Where is WGRZ located? (Buffalo. It's in AC (716). WKTV in Utica is AC (315), and AC (607) is close enough to perhaps necessitate the specification of AC's.-mcs)

Fri May 8 Es ch 2 1628 CDT -- PBS. "Mr. Rogers" to 1630, then "Sesame Street". PTA: ID, MT, OR. (There aren't any PBS 2's there that I know of. WMAB in State College, MS runs both at the times you saw them, though. Could you have gotten this off the back of your antenna, Mike? -mcs)

Fri May 8 Es ch 2 1814 CDT -- 2 unIDs. One had what looked like "Heritage News" then stock market report with "NASDAQ Movers". One may have been PBS, any others? S/SE beam heading. PTA: LA, MS, TN, AL. (That "NASDAQ movers" sounds like "Nightly Business Report". WPBT Miami and WUND Columbia, NC check at that time. WSJK Sneydville, TN, WDIQ Dozier, AL and WMAB do not.-mcs)

??? ??? ?? Es ch 2 1200 CDT -- Probably more than one station. One had "Days of Our Lives". I also saw a commercial for "Little Lotto". This Lotto commercial had a wizard as a logo. Another station ID'd as "Global Television Metro" (Probably Canada.) PTA: ON, PQ, any state which borders one of the Great Lakes. ("Little Lotto" is an Illinois lottery game, so I'm thinking that was WBBM. "Days of Our Lives" checks for Global so I think that would be CIII-2 in Bancroft, ON. That would be some short skip if you had WBBM!-mcs)

1992 FM:

Mon Jan 6 Es 98.9 1751 CST -- SS ID "RCR". PTA: S TX, NL, TAM, COA.

Sun May 24 Es 94.7 2022 CDT -- Music (either o or r), and mention of "Desert Island Disks". PTA: NY, NJ, MA, CT, RI.

Mon May 25 Es 89.9 1327 CDT -- Several mentions of ECSU, or similar to it. Must be some college. PTA: SC, NC, VA, MD, WV. (It is WRVS, in Elizabeth City, NC. ECSU stands for Elizabeth City State University; I used to get them in NC.-mcs)

Mon May 25 Es 101.7 2007 CDT -- New York Mets baseball. PTA: same as above.

Thu Jun 11 tr 91.1 2358 CDT -- Fair with rap and rock music. ID slogan was "Z-91.1". Didn't ID legally on the hour. Could be KANZ-KS, but thought they were jazz. PTA: KS, MO, OK.

Sun Jun 14 Es 107.7 1027 CDT -- ID slogan was "Classic Country 108". PTA: TX, NM, CO, AZ, UT, south CA.

Wed Jun 17 Es 101.5 1620 CDT -- Mention of Stamfordville or something similar. Ad for Tera Motors whose phone number was 462-TERA. PTA: PA, NJ, NY, CT, DE, MD, VA, WV.

Wed Jun 17 Es 92.1 1701 CDT -- Brief with "Soul 92" slogan. PTA: DE, VA, NC, SC, WV. (That is WRSV, Rocky Mount, NC, one of my old locals.-mcs)

Wed Jun 17 Es 102.5 1759 CDT -- ID as "Oldies 102.5" (no legal ID), then ad for "Easy Rider Bikes". PTA: SC, NC, GA. (WXLV, Charleston, SC.-mcs)

Wed Jun 17 Es 99.1 1816 CDT -- "Atlanta Braves Network" baseball. PTA: GA, SC, FL.

Christopher W. Hanley, 1321 Beecher Ave., Galesburg, IL 61401-2027

1992 TV:

Sat May 23 Es ch 3 1858 CDT -- PTA: NE US. Political ad for Senate or U.S. House race-sounded like Joe Chippea or Chipper (non-incumbent); news item at problems at Wolfon (?) prison.

Mon May 25 Es ch 2 2030 CDT -- PTA: NE US. Documentary about African tribe with English narration and subtitles; PBS or CBC? (I happen to have

CCI (unidentified DX), October 1992 Hanley, cont.

page 2

the Boston TV Guide for that exact week. The show was "Millennium" and read: "The Art of Living" considers the integration of artistic values with everyday life. Featured: a young woman of Niger's Wodaabe tribe whose story about an annual festival describes her culture's views of beauty and love; a Dogon tribesman of Mali, who joins the dance and ritual following his uncle's death." Sounds like it was them.-mcs)

Sun May 24 Es ch 2 1927 CDT -- "Graymore and Gladdigan" (?) furniture ad. NBC. (Greg Coniglio told me there's a store with a similar name in Buffalo. I'd say you had WGRZ.-mcs)

Sun May 24 Es ch 5 1957 CDT -- Ad for Jayne Witney nighttime talk show; Northwest Airlines. (WGRZ-2 in.) (WEWS Cleveland runs that show, so it could have been them.-mcs)

Sun Jun 14 Es? ch 4 0042 CDT -- "The Byron Allen Show", call-in show with guests. After WHBF-4 Rock Island sign-off. TX, NM, ND and MT in earlier

Sun Jun 14 Es ch 2 1158 CDT -- Evangelical church service, then (at 1200) half-hour skin care commercial with Cher. KENW-3 Portales, NM in at the same time.

Sun Jun 14 Es ch 3 1500 CDT -- Community announcements for Glasgow, MT. (I've seen on KRME, Bismarck, ND ads for a Prairie Public TV viewer meeting/appreciation gathering or something that was being held in Glasgow, MT (!!!) I think that was what you might have seen as well.-mcs)

Sun Jun 14 Es ch 2 1515 CDT -- Cubs vs. Montreal baseball. In English, apparently on Cubs' network.

Mon Jun 15 Es ch 2 1830 CDT -- Ad for the "Great Canadian Giveaway" contest at Canadian Tire. Then to the "Golden Girls".

Mon Jun 15 Es ch 2 1837 CDT -- Local news: Attack helicopters leaving a Montana city (don't know which one) for a new base.

Tue Jun 16 Es ch 2 0626 CDT -- Ads for Westside Geo-Chevrolet, L.W. Marks jeweler.

Tue Jun 16 Es ch 2 0626 CDT -- Alternating with above, radar-style map of Texas, labeled "Texas Today". (KPRC runs news at this time.

I don't know if this was the name of the newscast or not; it would make sense as "Today" follows it.-mcs)

Wed Jun 17 Es ch 3 1628 CDT -- News of Berlin (New Hampshire?). NC and SC in just after this.

Wed Jun 17 Es ch 2 1830 CDT -- "Entertainment Tonight" with ad for "Portfolio" furniture stores. WPBT-2 Miami in just after this. (WESH runs "Entertainment Tonight" then.-mcs)

Frank Merrill, PO Box 669, Macomb, IL 61455

1991 TV:

Fri Feb 8 tr ch 68 0450 CST -- TBN from SSSE. PTA: E. MO, E. AR, W. KY, W. TN.

Tue May 28 tr ch 20 0443 CDT -- "Home Shopping Spree" from SW. PTA: OK, SE KS, SW MO. (LPTV or translator). Also seen at 0500 CST on Sat Jan 4 1992. (How about K20CT Springdale, AR?-mcs)

1992 TV:

Sat Jan 4 tr ch 64 2244 CST -- TBN from SSSW. Had suspected K64DB Alexandria, LA, as signal ebbed & flowed with FLAX-31, but telephone calls turned up no TBN/LPTV in operation on ch. 64 there, could it have been brand new? PTA: MO, AR, LA. (I see a TBN in Jackson, MS on 64, but nothing in that PTA.-mcs)

Mon Jan 6 Es ch 3 1803 CST -- unID Mexico with ID slide as shown. (See Figure 1) Suspect XHJMA-Chih. or others surrounding ch. 3 as XHIT-4 was "blasting in".

1980 or 1981 FM:

??? ??? ?? Es 107.5 ??? ? -- KIKN, k format. PTA: TX or surrounding states. Also saw an ad for this station on unID ch. 6 same day! Never saw this station turn up in FM Atlas. Logged in Toledo, OH.

1989 FM:

Sun Jun 18 Es 96.9 1300 CDT -- "...en Tampico, Tamaulipas, Mexico" at tune in, obviously a legal ID but has never been listed anywhere (Monterrey, NL, Mexico) String of Monterrey ads here, but station still not in FM Atlas as of 1992. Note: Both also fit the apparent 800 kHz allocation schemes for their cities.

1991 FM:

Tue Jul 18 Es 104.7 1123 CDT -- "FM 104.7 K-F-X", oldies format. PTA: Intermountain region (not AZ/NM), western NE/SD/ND, or double hop from Pacific NW.

Tue Jul 18 Es 103.1 1957 CDT -- Fady legal ID for XHM- (sounded like XHMB or XHMP). PTA: On or near Mexico Gulf coast between Tampico and Cancun.

Tue Jul 18 Es 93.3 2003 CDT -- "FM Globo" or "FM Toba". Suspect XHPS, Veracruz.

1992 FM:

Mon Jan 6 Es 90.9 1715 CST -- (Chihuahua, Chih., Mexico) "Super Estrella", string of Chihuahua ads.

Wed Jan 8 Es 104.5 1104 CDT -- "Estereo Vida". PTA: unlisted Monterrey, NL suspected.

Wed Jan 8 Es 103.3 1104 CDT -- "Papaganos F.M." PTA: unlisted Monterrey, NL suspected. (Frank, I never received the last CCI photo you sent. Should I write USPO CCI?-mcs)

Jeff Kruska, 2824-E Steamship Cir., Harahan, LA 70123

1992 TV:

Sun Jun 14 Es ch355 1227 CDT -- Cuban, 3/5, ID looked like "TV0" with "Cuba Vision" spinning inside "0", followed by talk by Castro at 1230. (Sounds like the "TV6" network that ID'ed as "CubaVision 6" last time I saw them. I've only seen their TP in '92, but I think you definitely had Cuba.-mcs)

Mon Jun 15 Es ch 2 1849 CDT -- "Wheel of Fortune", suspect KMLB. PTA: TX.

Tue Jun 16 Es ch 3 1754 CDT -- Local news, with a 3 in a heart on front of news desk. PTA: Midwest. (KLNE in at 1730) (Isn't that KTVO?-mcs)

Wed Jun 17 Es ch 3 1803 CDT -- "All In The Family". PTA: OH, NY, PA.

Thu Jun 18 Es ch 3 2220 CDT -- Local news with stylish 3 with lines running through it in background. Suspect KDLH, PTA: MN, ON. (That sounds like KIMT's logo, Jeff. -mcs)

Thu Jun 18 Es ch 5 2233 CDT -- "Love Connection". KFYR? PTA: ND, SD. (My listings say no to KFYR, KDLT, and KHAS. And 3 in Rapid City runs "Love". Also, KSTP and WOI check negative. So does KYCU.-mcs)

Thu Jun 18 Es ch 5 2237 CDT -- MCTV news. Sudbury mentioned several times. Had to be CICI. PTA: ON.

Fri Jun 19 Es ch 3 0017 CDT -- "Studs". ND in. PTA: ND, SD, ON, MN. (KDLO checks.- mcs)

Fri Jun 19 Es ch 3 1820 CDT -- "Dennis the Menace" cartoon in SS. PTA: Mexico. Local phone number in ad 709-71-82. (When I get an SS running US EE cartoons, it's always XHY. That's my guess.-mcs)

Sat Jun 20 Es ch 3 1208 CDT -- "Bob Newhart". PTA: WI, MN.

John F. Combs, PO Box 721027, Orlando, FL 32872

1992 FM:

Fri Jun 5 MS 97.1 1009 EDT -- "...Bill Anthony is fighting for tough new laws to protect our neighborhoods--one reason why Anthony is endorsed by sheriffs..." PTA: ??

Sun Jun 14 Es 106.9 1102 EDT -- SS with pseudo-ID's as "Cadena Radio Centro". KSAA is only U.S. SS I see on this frequency and no Mexicans were heard in the opening. Can anyone confirm? PTA: TX.

Mon Jun 15 Es 94.3 2049 EDT -- Station with ad for business in Enid, OK. No 94.3 anywhere near Enid. Help! PTA: OK.

Mon Jun 15 Es 93.5 2124 EDT -- KC Royals baseball. Could be just about any 93.5 in MO or KS. Can anyone confirm, or narrow the range of possibilities?

Tue Jul 7 Es 93.9 2021 EDT -- Ad for business in Milwaukee, WI. Closest stations on 93.9 are Sturgeon Bay, WI and Chicago, IL, and neither are likely to run an ad for Milwaukee. PTA: WI.

Tue Jul 7 Es 93.1 2029 EDT -- "Northeast Wisconsin's K-Rock". I don't see any 93.1 in what I would consider "northeast" Wisconsin. There is WIMK in Iron Mountain, MI, which would have coverage in northeast Wisconsin, but I would think they are oriented toward the Marquette, MI market. Ideas? PTA: WI. (Well, WIMK is r in the FM Atlas. The calls fit, too. Greg and I both think it was them. -mcs)

Robert Grant, KDBEN, 8226 Beaverland, Detroit, MI 48239 (313) RE.0-8966

1992 TV:

Thu May 7 Es ch 3 1237 EDT -- "Love Connection", possibly KOTA. (KITWO in at 1200) (The most recent listings I have for KOTA say "Love Connection" is run at 1230 MDT. However, I know I've seen them with that program, and I think at 1230. I wonder if they recently switched from 1030 MDT to 1230 MDT?-mcs)

Wed Jun 3 tr ch 66 0420 EDT -- 0 beat to W66BV Detroit, FSK-Morse ID sounded like "W66BD" PTA: IN. (I see a W66BD in Fort Wayne that is listed as TBN.-mcs)

Fri Jun 5 Es ch 3 0145 EDT -- "Gerald", zero offset. (You didn't list a PTA, but the only thing I found was WBTV; it fits!- mcs)

Wed Jun 10 tr ch 17 0520 EDT -- TBN, same ph# as W66BV, but not same program.

Wed Jun 10 tr ch 43 0520 EDT -- TBN // to unID-17 above, PTA: IN, OH. Not 0-WUAB.

Mon Jun 29 tr ch 50 0130 EDT -- xltr of WMFD-68, which used a dual "50/68" ID. PTA: N. Central OH. (W50BE Mansfield, maybe?-mcs)

Mon Jun 29 tr ch 32 0130 EDT -- rel. with 714 area code (almost certainly TBN), not zero beat to CIG032. PTA: OH.

Mon Jun 29 tr ch 12 0155 EDT -- 3/4 CB w/vy large EDT digital time and TT, not zero beat to WJRT nor CIG012. PTA: northern ON.

Mon Jun 29 tr ch 32 0540 EDT -- FSK-Morse ID sounded like "W32AN", possibly same unID-32 as above.

(mobile on I-40 near Shamrock, TX):

Mon Jun 20 Es ch 2 ??? ? ? -- possible newscast with a phone number given: "1-800-TV2-INFO" (which is not dialable from Detroit) PTA: Great Lakes area.

Mon Jun 20 Es ch 2 ??? ? ? -- "Tom Raper RV" ad (Richmond, IN, but their ad radius is huge) time for both of these loggings was about 1730 CDT if my memory is correct. (Wonder if WDTN ran that ad? That's pretty close.-mcs)

(from Dalhart, TX):

Tue Jul 21 Es ch 2 0959 CDT -- end "Gerald", zero beat to KACV, and with a circle 2 logo similar to those of WBAY-WI (which is +, and thus 0 to KACV unless KACV unless KACV changed before coming to air) and WKRN-TN (-)

(Mobile on US 87, Clayton to Raton, NM):

Tue Jul 21 GW 50-55 1100 MDT -- noted a translator (or full-service satellite?) of KNME-5 which seemed to have fantastic coverage.

(from Carleton, MI)

Tue Jul 28 Es ch 4 2000 EDT -- "Cosmos" zero offset (PTA: WY, ND, ID)

(from Detroit)

Wed Sep 2 tr ch 42 0300 EDT -- rel. with (714) AC ph# (Likely TBN) not 0 to CKCO4. PTA: IN, IL.

Below are some unIDs culled from reports to Greg's NFMEX column. Thanks, Greg, for asking people to send their unIDs in. Let's save Greg some time by not sending them in the DX reports; I know he'll appreciate your co-operation and so do I, as I'm anxious to help YOU solve your unIDs!!

Ayodele Adekun, Akure, Ondo State, Nigeria: ***Note: 1992 unIDs below unless otherwise noted.***

1991 FM:

Fri Jun 7 ? ? 88.636 0330 ??? -- Tone, jingle in again at 0410 with programme parade.

Jim Renfrew, Rochester, NY:

1992 FM:

Fri May 8 Es 93.7 1237 EDT -- rock under WBLK. PTA: FL. (WMMZ Ocala?-mcs)

Tue May 12 Es 91.9 1003 EDT -- mentioned "Minnesota's governor" (KGAC?-mcs)

Tue May 12 Es 97.5 1306 EDT -- Paul Harvey. PTA: OK, KS.

Tue May 12 Es 93.1 1331 EDT -- k, CDT, ad for wheat growers. (KCLS, Pratt, KS?-mcs)

Jerry Monroe, Marcellus, NY:

Mon Mar 30 GW 97.7 2100 EDT -- xltr for WPCX-106.9, strong signal from east. WPCX has no idea who this is.

William R. Hepburn, Brampton, ON:

Mon May 25 Es 106.7 2102 EDT -- "Hits 106.7", heard KQLD at 2055.

Mon May 25 Es 94.3 2138 EDT -- MN PSA. (KMNR, Sauk Centre, MN?-mcs)

Paul Mount, Lincroft, NJ:

Sun Jun 14 tr 90.9 0509 EDT -- BBC nx, temps around NY state

Harry Hayes, Wilkes-Barre, PA:

Sat Jun 13 Es 91.1 2100 EDT -- Peach State Public Radio. (Well, it is one of two. The

only way I can tell you to distinguish between the two

is by the ID's. WSVH Savannah almost always says their

calls, then Peach State Public Radio. WARR Tifton is

in the network and calls for them are part of a list of

other stations like WWSV Waycross, WUNV Albany, etc. So

if they said only Peach State Public Radio and had no

local mentions, I'd say it was Tifton. Savannah tends

to mention local underwriters, weather, etc.-mcs)

Saul Chernos, Peterborough, ON:

Sun May 24 Es 92.5 2130 EDT -- "KWYN" (Wynne, AR per Bill Nienajadly. -gc)

Sun May 24 Es 97.5 2144 EDT -- // CKGL-96.7 (cross-Canada country music show) PTA: AR

(???-gc) (???-mcs)

Sat Jun 13 Es 94.3 2010 EDT -- "Power 94", rap. PTA: MS. (How about WJTI in IN? I think

that's still their slogan.-mcs)

Sat Jun 13 Es 99.3 2219 EDT -- mentioned Iola. PTA: TX, CO. (Iola is a town in southeast

Kansas. How about KIOL in Iola, KS? That sure fits!-mcs)

Jeff Falconer, Clinton, ON:

Mon May 25 Es 92.1 2022 EDT -- Atlanta Braves BB. PTA: GA, FL. (Haven't heard any 92.1's around me that run Braves BB.-mcs)
 Sat Jun 13 Es 99.1 2139 EDT -- gS, "Light 99 FM" (This is KBUZ, El Dorado, KS-gc)
 Sat Jun 13 Es 104.3 2145 EDT -- kS, "The Fox". PTA: Midwest
 Sat Jun 13 Es 105.5 2203 EDT -- "K-Country", mentioned Warren. (How about KWRF, Warren, AR? The FM Atlas says their slogan is "Magic 105", but still lists them as k.-mcs)

Sat Jun 13 Es 107.9 2205 EDT -- rsS, "Z108".

Sat Jun 13 Es 99.5 2220 EDT -- mentioned Taylor Ranch, Paradise Hills in NM.

more from Jim Renfrew, Rochester, NY:

Sun Jun 7 tr 94.7 1651 EDT -- "Q95", ID popped in using the kind of voice that I believe would be matched with a rock format. WFBQ?
 Sun Jun 7 tr 94.7 1710 EDT -- Auto race, // 95.9 WFLR, suspect WRHD.
 Sun Jun 7 tr 94.7 1713 EDT -- "WQOC", no station found with these calls on FM, AM, or TV, Falcon Furniture ad.

Rich Shafan, Rockaway, NJ:

Sun Apr 5 92 104.9 2257 EDT -- "WAZR, your greatest hits of the '60's, '70's, '80's, and '90's." Greg Coniglio says: "Maybe WSRD? Their AM is WJZR 930." (Is there an LMA with WESI, Strasburg, VA? The calls are for 93.7 Woodstock, VA, and I noticed that 104.9 WESI is nearby. But I can't recall if there is an LMA between the two.-mcs)

Sun Apr 12 trs 107.9 1442 EDT -- oldies, "FM 107.9"
 Mon Apr 13 trs 107.7 0024 EDT -- "YRD Sender 107.7"
 Mon Apr 20 trs 98.9 2200 EDT -- unID thru WUSL w/lame. New Harrisburg?
 Wed May 20 Es 106.5 0032 EDT -- "Carolina's Best Rock'n'Roll". (WSFL, New Bern, NC.-mcs)
 Mon May 25 Es 92.9 1221 EDT -- "Operation Rescue update, featuring Randall Terry".

PTA: LA, TX. (Isn't Ulica, MS religious? -gc) (Sounds like some sort of Memorial Day telethon to me.-mcs)
 Mon May 25 Es 95.3 1417 EDT -- Ad, "Lane County Bank & Trust". There's a Lane County in Kansas but no 95.3 in area. Same for Lynn County, MO. There is a Lynn County, Texas and a 95.3 in county seat of Tahoka, but no "Lynn County Bank & Trust". Help!
 Mon May 25 Es 95.3 1430 EDT -- "Magic 95". PTA: OK, KS. (Does KMGZ, Lawton, OK still use that slogan?-mcs)

Mon May 25 Es 95.7 2026 EDT -- CW w/Garth Brooks special and ad for "CD2". PTA: AR, NE.

Mon May 25 Es 99.7 2102 EDT -- Heavy metal, thinking Muscatine, IA.

Mon May 25 Es 94.9 2125 EDT -- Talk show on ethics issues. Could be KJLT, or Cape Cod.
 Greg Coniglio, 5100 Glenwood Dr., Williamsville, NY 14221

1991 FM:

Sat Dec 28 tr 100.3 eve. EST -- to NW, mono, first with oldies, then some sort of ethnic program. No ID's or announcements at all. PTA: MI, ON.

1992 FM:

Sun May 24 Es 89.3 2110 EDT -- Spanish on 89.3 and 90.1! Other skip to MO. Broadcasting Yearbook '92 shows KQUR and KKFI running such programming but when?

Mon May 25 Es 94.1 1225 EDT -- Satellite a/c "Star Station". Is this WXLT, which was heard later with "Sunny 94.1". (Wasn't Oak Hill, WV once using that slogan? I know they're satellite.-mcs)

Mon May 25 Es 96.7 1305 EDT -- urban, "Mix 96". PTA: coastal NS, LA. Is this WQFX?

Mon May 25 Es 106.3 1334 EDT -- Rock format, "X-106.3" PTA: LA, AL, MS.

Mon May 25 Es 100.1 2115 EDT -- Sounded like satellite a/c, but with somewhat of a Canadian accent. Was there any such skip noticed by anyone else, Maritimes perhaps?

Sat Jun 13 Es 95.9 2020 EDT -- "Kon Country 96" or "Kon Country 96", I thought KAAAN moved to 95.5?

Sat Jun 13 Es 98.3 2110 EDT -- "Oldies 98.3" jingle, "Big Dan Saturday Night at the Oldies", professional sounding station. (The slogan fits WGGC, Midway, GA. What was the PTA?-mcs)

Sat Jun 13 Es 106.3 2204 EDT -- Ad for Idabel. Satellite country. I wrote KKBI Broken Bow.

Sat Jun 13 Es 101.9 2216 EDT -- AOR, "Rock 102". CDT, DJ "Carla" or "Darla".

1992 TV:

Sun Jun 14 Es ch 3 1300 EDT -- Potential double hop. Sweden vs. Finland FIFA soccer game, in Spanish. There were ads, also in Spanish for a sitcom that appears weekday nights. During the game there were mentions of "Radio Caracas". At one point there was a slide on: "Deportes en RCTV" (or ACTV). This would seem to point to the Radio Caracas network in Venezuela, it's ch.3 transmitter in Barcelona, roughly

2400 miles away. My concern is that a different station, perhaps in Mexico, was relaying RCTV off the bird. There was a logo that looked like (Greg drew a screen with a black sector in the upper-left quarter of the screen, which may have had a design in white inside of it, and then the rest of the screen in white.-mcs) Did anyone happen to see anything from the Caribbean that day, or have access to a Venezuelan "TV Guide" to see if in fact they were carrying such a soccer game? Or does anyone know if someone else was carrying their programming? It is not known if RCTV was on satellite. No one has reported seeing that logo before on a Caribbean station? Thanks to Matt Sittel, John Combs, Chris Dunne, and George Jensen for advice. (You're most welcome! As I have told Greg, I had KHY in Yucatan about an hour before Greg's logging, and they were running soccer, apparently the same game as Greg saw, too. But none of the logos, Caracas mentions, etc. were seen or heard. I hope this one turns out to be Venezuela!!-mcs)

Matt Sittel, CCI Editor

1992 TV, Kingsport, TN:

Tue May 12 Es ch 3 1045 EDT -- "Shining Time Station". Suspect KSWK. PTA: KS, OK, TX, CO.
 Tue May 12 Es ch 3 1230 EDT -- "Mr. Rogers". PTA: KS, NE.

Tue May 12 Es ch 3 1348 EDT -- French talk show with AC (514) ph# on screen. PTA: MB.
 Thu May 14 Es ch 2 1048 EDT -- Local news program, with logo on the microphone. (See Figure 2.)

Thu May 14 Es ch 4 1115 EDT -- "Montel Williams". PTA: south TX.
 Tue Jun 2 Es ch 3 1151 EDT -- Full CB TP, and "Dancing In The Dark" by Bruce Springsteen playing. PTA: Mexico.

Tue Jun 2 Es ch 2 1336 EDT -- "Body Electric". Suspect KACV.
 Fri Jun 5 Es ch 3 1301 EL -- "Shirley". Suspect CBHT.

Fri Jun 5 Es ch 4 1328 EDT -- "Télé 4", "TVA" ID. FF. PTA: PQ.
 Fri Jun 5 Es ch 3 1356 EDT -- "LA Law" dubbed into FF. Radio-Canada, I think. PTA: PQ.

Mon Jun 8 Es ch 2 1206 EDT -- Show with woman at a table working with crafts. KACV?
 Mon Jun 8 Es ch 2 1214 EDT -- History program. This may be KDTN. This and the above may be vice-versa, but I think they are both TX.

Mon Jun 8 Es ch 4 1330 EDT -- "Classic Concentration". PTA: TX, KJAC? KCNC runs it at this time, however.

Tue Jun 9 Es ch 2 1032 EDT -- "Pensimentos", a telenovela. May have been KHRIO.
 Wed Jun 10 Es ch 2 1249 EDT -- 3/4 CB with extra strip of colors in the middle. PTA: Mexico.

Wed Jun 10 Es ch 3 2010 EDT -- Blue Jays baseball. Suspect CBHT.
 Sat Jun 13 Es ch 4 1036 EDT -- Western on, in with KHY. PTA: Mexico.

Sun Jun 14 Es ch 4 morn EDT -- "Comantistas", a sports talk show. PTA: Mexico.
 Sun Jun 14 Es ch 3 morn EDT -- "Peques y Pecos", a children's show. Suspect KHPN.

Sun Jun 14 Es ch 3 1250 EDT -- Infomercial, followed by "Future Legends of Baseball" at 1300. The TVG I have had KREG's programs pre-empted by Olympics coverage, yet they did run an infomercial at 1230 before the Olympics. Help!! I'd love to log this station, after years of trying! PTA: CO.

Mon Jun 15 Es ch 3 1004 EDT -- SRC ID, but one ID had calls that appeared to be CKSE.
 Mon Jun 15 Es ch 3 1004 EDT -- A FF movie. PTA: western ON, eastern MB.

Mon Jun 15 Es ch 2 1126 EDT -- "Gerald". Suspect WJMN.
 Mon Jun 15 Es ch 3 2054 EDT -- ID slide. (see Figure 3) PTA: Mexico, even with the above unIDs 90 minutes before!

Mon Jun 15 Es ch 4 2128 EDT -- Documentary, with symbol on screen. Apparently not KENW.
 Tue Jun 16 Es ch 4 1724 EDT -- "Growing Pains". PTA: TX.

Tue Jun 16 Es ch 3 1848 EDT -- "Care Bears". Suspect KHY. (Dubbed into SS)
 Tue Jun 16 Es ch 4 1852 EDT -- Children's show entitled "TV O", SS. Cuba? Mexico?

Fri Jun 19 Es ch 2 0101 EDT -- "European Journal". Suspect KUSD.
 Fri Jun 19 Es ch 2,4 0946 EDT -- Slide reading: "SEP, Unidad de Television Educativa, Telesecundaria, Junio de 1992". At 1000 the Mexican national anthem, followed by "Matematicas I, Primer Grado, Unidad VIII, Leccion 173". PTA: Mexico.

1992 FM, Kingsport, TN:
 Sat Jun 13 Es 96.5 1131 EDT -- Numerous mentions of Oaxaca, also Tuxtla and Cuervo. This is Frank Merrill's dilemma! PTA: Mexico.

Sun Jun 14 Es 92.9 1044 EDT -- Mentioned Yucatan elections. Called themselves "Solidaridad FM" or something close to it. I heard this twice in Raleigh in '91 and I know it's Yucatan. Again, it's the same problem Frank has!

Sun Jun 14 Es 102.3 1347 EDT -- "Estereo Vida". PTA: S.TX, northern Mexico.

Sun Jun 14 Es 96.7 1508 EDT -- Slogan sounded like "K-Wine". PTA: west TX, E. NM.

Sun Jun 14 Es 97.5 1426 EDT -- "97.5 FM". Format was CHR to urban/CHR. PTA: central TX

Thu Jun 18 Es 102.9 2320 EDT -- "Power 103", CHR. Is this KRQU? PTA: WY, NE.

Sat Jun 20 Es 93.3 2135 EDT -- "Z-93 FM", oldies/AC. PTA: ND, MN. Either Jamestown, ND or has that new one in MN come on yet?

Tue Jun 23 Es 93.3 0235 EDT -- s, "The Z", "93 Jams". Maybe WWLZ, or better? PTA: AL, GA.

Thu Jun 25 Es 95.3 0609 EDT -- WCQS calls (Asheville, NC, 88.1). New xltr?

1992 TV, Tallahassee, FL:

Sat Aug 29 tr ch 32 0646 EDT -- Playing music. Pre sign-on? Maybe WHOA??

Sat Aug 29 tr ch 16 0847 EDT -- B/W movie apparently taking place in a submarine. WJWJ?

Sun Aug 30 tr ch 38 0930 EDT -- End of one religious show, into another. PTA: LA, TX.

Sun Aug 30 tr ch 28 0920 EDT -- Auto racing magazine show. WTGS? Or better??

1992 FM, Tallahassee, FL:

Wed Aug 26 tr 97.7 2313 EDT -- "97X". PTA: due north, maybe AL/GA border.

Sun Aug 30 tr 101.3 2341 EDT -- "Future Hits". Suspect WJDQ. PTA: MS, LA.

Mon Aug 31 tr 105.7 0026 EDT -- Country oldies, "Sunday Open House". PTA: MS, LA.

ID's from past CCI columns:

John Combs, 5/92, p.20

Mon Mar 2 tr ch 29 0247 EST -- TBN, @ to W29AB Ocala, FL... "W29BH, Biloxi, MS 22.80kW, formerly W02BG." - Fred McCormack

Mike Reid, 5/92, p.20

Tue Dec 10 tr ch 30+ 0007 EST -- Ads, game show. Not WGTE, WVIT, KDNL... "WXMT now runs movies at 2300 central/midnight eastern. Could be WMT Memphis?" - Doug Smith

Matt Sittel, 5/92, p.21

Sun Dec 22 tr ch 9, 12 0130 EST -- "Lifestyles" on 9, "Arsenio" on 12... "Lifestyles of the Rich & Famous" is on WKRC-12; WCPO-9 airs news (presumably a rerun of the 11:00) at 0130 eastern. "Arsenio" is on WCPO-9 at 2330 Eastern; at 0130 eastern WKRC-12 runs "First Look". - Doug Smith. ("On Scene" is run on WCPO, so now I'm confused!" - mcs)

Greg Coniglio, 12/91, p.9

Mon Jul 1 Es 104.9 0851 EDT -- "Lite 105", mention of Northwest Expressway. "KNIL-1049 is a religious station, so I wouldn't be surprised to hear it use a "Light" slogan despite KLTE's usage. - Doug Smith.

Eric Fader, 5/92, p.20

Mon Jul 1 Es 102.3 2005 EDT -- "at this time Hot 102, WFMS..." "Could be 102.5 WFMF? They do use the slogan." - Greg Coniglio.

Matt Sittel, 12/91, p.9

Mon Jul 1 Es 95.3 2037 EDT -- "KJ95" "Is probably KAGE-MN, who ID's as KG-95.3". - Mike Hawk.

Tue Jul 30 Es 94.3 1715 EDT -- "Q94" "according to NRC Log, WQZX-AL ID's as this." - Mike Hawk.

Thu Jul 18 Es ch 4 1930 EDT -- "The Challengers" "Challengers is an ABC program." - Mike Hawk. (It's syndicated. My CBS affiliate in Raleigh used to run it, and the Fox WFTO ran it too. Did an ABC in your area run it? That might have been them! - mcs)

Fig. 1- F. Merrill
PTA: ChihuahuaFig. 2- M. Sittel
PTA: north MexicoFig. 3- M. Sittel
PTA: Mexico (ch.2)Fig. 4- M. Sittel
PTA: TX, NM. (ch.3)

Thanks to everybody for helping out! Also, much thanks to Frank Aden, Mike Hawk, Todd Brandenburg, Bill Nollman, Tom Bryant, George Greene, Greg Coniglio, and Fred McCormack for helping with TV Guides and schedules to make ID'ing these uniDs a little easier! With the new fall season upon us, that means new schedules, so if you can send those new schedules, I can help ID those uniDs from this upcoming season! I never got a West Texas TV Guide, so there's a lot of Amarillo and Midland uniDs that I can't ID. Can you help? Let's help out our fellow DX'ers by trying to solve some of their ID's! 73's Matt.

TELEVISION NEWS

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ABBREVIATIONS USED IN THIS COLUMN:

ERP= Effective Radiated Power, in kW
HAAT=Height Above Average Terrain, in meters
AAT= Above Average Terrain
AG= Above Ground
ASL= Above Sea Level
nc= No change
TL= Transmitter Location
CP= Construction permit
MP= Modification permit (modification of construction permit)
*= Non-commercial
CRTC=Canadian Radio-TV Commission

APPLICATIONS TO CHANGE EXISTING STATIONS

St	Ch	ERP	HAAT	Call	City
NE	19	1683	348	*KXNE-TV	Norfolk
(was 767kW, 339m)					
NM	2	28.2	1275	KKTO-TV	Santa Fe
(TL: 35°12'55"N, 106°27'2"W					
Sandia Crest, the Albuquerque antenna farm.)					
(was 89kW, 600m)					

OTHER STUFF

Obviously, a slow month in Washington. Probably everyone is on summer vacation...

The transmitter site change for KKTO above supports my suspicion that they'll take over the Fox affiliation & programming of KGSW-14.

The Pittsburgh convention was certainly unusual! It was also very interesting, a great chance to meet with other DXers. I certainly hope the other attendees enjoyed it as much as I did. Didn't get a chance to DX TV down there, but did note (via a billboard across the street from the Pittsburgh Motel) that LPTV W63AU is using the non-ID "WNEU-TV", and carries local softball games.

In the wake of relaxation of radio's multiple-ownership rules, potential relaxation of the TV rules is now under discussion. Plans proposed include station limits of 18, 24, or none whatsoever, combined with national audience limits of 25, 30, 35, and 50%. Within a given market, many (but not all) propose allowing common ownership of one UHF and one other (either UHF or VHF) station.

No one is proposing allowing common ownership of two VHF's in the same market, though.

The Arizona legislature has decided not to tax pay-per-view cable programming. The proposed 3% tax would pay for the state's boxing commission.

Several TV stations have publicly speculated that the second channel, to be allocated for HDTV, might be used instead to broadcast a second (or more) digitally-compressed, standard-definition TV signal. In an interview in *Broadcasting*, FCC chair Alfred Sikes says the Commission probably will not approve this. In another comment, he reaffirms that the Commission expects stations' current channels to be returned to the FCC eventually.

The Commission has unanimously voted to refuse waivers of the "prime time access rule" to KRON-TV (4) and KPIX (5) San Francisco. This rule prohibits stations in the Pacific (and Eastern) time zone from broadcasting more than 3 hours of network programs between 7 and 11pm.

Waivers have been requested by a number of Western stations wishing to move prime time up by one hour. (8-10pm, like it is in the Central and Mountain time zones) Without the waiver, if a Western station runs 3 hours of network between 7 and 10pm, it cannot run the network's 10:30pm program. (in the case of NBC affiliates like KRON, this is the popular "Tonight Show") Currently, KRON and KPIX have moved up prime time anyway, and are just delaying the 10:30 network programs to after 11:00.

FCC officials said the Commission felt the waiver already issued to KCRA (3) Sacramento was adequate for testing the proposal.

Chase Communications has been granted permission to build a satellite of Denver's KDVR (31) in Fort Collins, Colo., on channel 22. Further details aren't yet available.

Comark Communications is preparing a 55kW UHF transmitter for HDTV tests, to be held in Charlotte, N.C., early next year.

Lots of mail this month...

J.E. Lewis, Kansas City, MO:

"How can anyone apply for a TV station on channel 24 at Springdale, Ark. when there is a channel 24 north of Ft. Smith with at least a grade 'C' signal there?" Good question; don't know how I missed that one! Either, as J.E. speculates, this is a typo and the station is actually to operate on some other channel, or, the other application is a challenge to the license of existing KPOM-TV.

It would seem rather unlikely that a channel 24 application for Springdale would be accepted for hearing-- even if not for KPOM-TV-- because of the presence of KHOG-29 in adjacent Fayetteville; UHF stations are generally not allocated within 6 channels in adjacent transmitter sites.

Dave Sinclair, Vancouver, B.C.:

Dave sends along newspaper clippings and a CRTC news release.

First, from the CRTC: A public hearing on the Commission's policies on religious broadcasting in Canada is to be held on October 19 in Hull, Quebec.

"Under its current policy guidelines, issued in 1983 following an extensive public hearing, the CRTC will not, unless convinced otherwise, grant licenses for radio or television stations whose programming is primarily religious and devoted to the views of a single religion or sect. The Commission also requires each individual station to provide diverse programming and balance in the presentation of differing views on issues of public concern."

According to the news release, Parliament requires that broadcasters licensed by the CRTC offer a variety of predominantly Canadian programming, and a balance in the expression of differing points of view on matters of public concern. (It would seem that the "predominantly Canadian programming" requirement could not possibly be met by TBN programs from the USA, which several unlicensed stations have been airing)

CRTC chair Keith Spicer says that "the Commission invites all interested parties, including those who have been operating illegally, to argue their case within the law

on an equal footing with everyone else." And, "in the meantime, our existing policies remain in force. The law also obliges us to enforce the licensing process established by Parliament in the Broadcasting Act. Therefore, the CRTC is today (May 8) issuing mandatory orders requiring unlicensed operations in Alberta and Saskatchewan to shut down. We have given these illegal operators every opportunity to obey the law. They have repeatedly refused, indeed they are opening new illegal stations."

Stations affected are in Edmonton, Lethbridge, and Grande Prairie, Alberta, and in Lloydminster, Saskatchewan. Prior to a January 14 CRTC hearing in Edmonton, three other Saskatchewan stations voluntarily shut down.

The illegal stations affected by the order had until May 18 to shut down, or face penalties.

Also, from the July 9 *Wall Street Journal*, "As the manager of a TV station run by and for prisoners, Joe Corpiere, a convicted murderer, faces some unusual challenges."

The maximum-security Jefferson City Correctional Center in Missouri operates its own cable channel within the prison walls. Programs include movies, prison news, and broadcasts by warden Michael G. Jose, mainly attempts to dispel rumors.

Corpiere says he determines how popular movies are by listening to the noise level in the facility-- thriller films may silence the whole prison, while art films have been known to nearly incite riots. Prison officials do attempt to censor programming shown ("Escape movies aren't a good idea."), but "The Silence of the Lambs" was shown twice before officials realized it wasn't a good idea.

In two other prisons, inmate viewers have solved "America's Most Wanted" mysteries, realizing that fellow prisoners were the guilty parties in other crimes...

Tom Bryant, Nashville, TN:

Guess I should have seen this one myself, as it involves my employer! From the August 6 *Nashville Banner*, "Special report to focus on election". This article details WSMV (4)'s decision to broadcast a 1-hour election special (for the Aug. 6 primary) on WXMT (30). Executive

producer Caren Connelly says "Realistically, we couldn't preempt the Olympics for an hour. This way we can give viewers the Olympics and election coverage." During the Olympics, NBC affiliates received time for their late local news one hour late, at 11pm Central time.

The election coverage was produced at WSMV's studios, and sent by Ku-band satellite to WXMT's facilities in downtown Nashville 6km away. Obstructions prevented the installation of a temporary microwave link. WKRN (2) and WTVF (5) reported on the primary within their regular 10pm newscasts.

A 9pm nightly newscast, also produced at the WSMV studios, will begin airing on WXMT about the time you get this VUD. WSMV anchors & reporters will be used; I don't know whether graphics identifying with WSMV will appear. (seems most TV DXers east of the Mississippi have already logged WXMT anyway!)

Ron Wing, Wichita, KS:

"My VCR caught the first transmission of K55FS today. (Sept. 2) There were color bars and a caption near the top of the screen that said: REDUCED PWR TEST KFS-TV 55 WICHITA". "Neither channel 55 nor 51 was on the air by 6pm, when I got home."

Two weeks later, Ron sent a clipping indicating that programming on K55FS should have begun on September 14. He says he hasn't seen anything from them except for the tests caught by his VCR.

W.B. McIntosh, Granada Hills, CA:

Yikes, a Californian! Don't see much from out there..

From the September 1 *L.A. Times*, an article about "KSFV", channel 24 in the San Fernando Valley. KSFV broadcasts foreign-language news from more than 45 countries, 24 hours a day. 40 languages are used, with some programs arriving live via satellite, others by videotape.

KSFV's main competition is KSCI (18) San Bernardino, a full-power station which also carries foreign-language programs, but not all news. Owners Venture Technologies hope to start two similar stations in Los Angeles proper and the Inland Empire (San Bernardino/Riverside area) by the end of the year.

"KSFV" is apparently an LPTV; there's a reference in the article to an ERP of only 50kW, and a full-power channel 24 in the LA area would not be allocated with full power KVCR-TV (24) in operation in San Bernardino. (indeed, I'm rather surprised that a LPTV was authorized on 24!)

John Combs, Orlando, FL:

From the July 27-August 2 *Central Florida Business*, an article about W2IAU Orlando. The station will cover most of Orlando proper, an area with 130,000 non-cable homes. A half-hour program costs between \$100 and \$300, with 30-second spots between \$30 and \$100. When not carrying locally-produced programs, W2IAU will air the All News Channel from Minneapolis. (John comments that as of when he sent the clipping, in early September, he hadn't seen anything on W2IAU except All News Channel.)

Also received from John was part of a hurricane special in the Sept. 2 *Miami Herald*, which was interesting enough in itself! But the main reason John sent it was because of a two-page ad taken out by WCIX (6), headlined "We Temporarily Lost The Power to Broadcast. But We Never Lost The Power to Help."

"Among the wreckage was the Channel 6 transmission tower, which collapsed due to winds in excess of 160mph. Fortunately, within hours, we were able to restore transmission to cable systems in Broward and to low power Channel 27." (translator W27AQ Ft. Lauderdale)

"Now, Channel 6 is back on the air, in most areas of Dade and Broward Counties. We ask all Dade and Broward residents to check both their cabled and non-cabled television sets for Channel 6 reception." My understanding is that a temporary antenna at 20kW ERP has been installed on the WTVJ (4) tower north of Miami. Because of the proximity to WCPX (6) Orlando, WCIX will probably have to rebuild near or at their old site in Homestead, the hardest-hit area.

John says "I noted WFLX-29 simulcasting WPEC-12 coverage of Andrew. WBFS-33 ran a slide all night that they would not show programming until after the hurricane was over, and urging viewers to tune to radio for info. (one of the few times you'll ever see a TV station actually

encouraging people to listen to the radio, hi...)

It's also been reported that a hastily-arranged telethon to raise money for hurricane relief raised over \$2,000,000, and aired not only on most South Florida TV stations, but on stations elsewhere in the state, and on WABM (68) Birmingham, Ala..

WPLG (10)'s studio-transmitter link was wiped out, taking the station off the air for 3 hours until a news microwave van could take over; and WSVN (7) and WTVJ (4) had to evacuate threatened studios and operate from makeshift facilities for several hours. No other TV stations were seriously affected by the hurricane, though 4 FM stations on WCIX's tower were also knocked off. As for Hurricane Iniki, there are no TV stations on Kauai, though it seems likely that the seven translators there were knocked off.

Mary Schutz.

(I think! Someone gave me this one at the convention, I sure hope I remember properly!)

The Sept. 9 *Wall Street Journal* covers an interesting aspect of HDTV testing; selection of "guinea pigs" to evaluate and compare the various systems.

While experts often pick out the tiniest flaws in a television picture, the average viewer tends to be more forgiving. The idea is to make a trade-off that the average viewer won't care about, or won't see at all.

The Canadian government's Advanced Television Evaluation Laboratory in Kanata, Ontario (near Ottawa) is selecting people to evaluate the various HDTV systems being tested in the USA. Most are students from nearby Carleton University. Those who pass three eyesight tests are paid \$18 Canadian for each hour of evaluation. Test director Paul Hearty has already brought through 2,200 volunteers, and expects to use another 300. No one is allowed to watch more than one system, out of the fear that they might notice something they missed the first time, skewing the results.

\$4,600,000 has been spent on the lab, with 60% of that Canadian government funds.

Also in this paper, news that ABC plans a one-hour late-night show called "Nitcap". Beginning

October 19, and co-hosted by Robin Leach and a female anchor not yet announced, the program will attempt to directly market merchandise & coupons from major catalog firms such as Sears and J.C. Penney.

And, a note that TV advertising revenues increased 2.5% in the second quarter of 1992.

Steve West, metro Philadelphia:

Steve called just before deadline to ask whether I got in on the big tropo during the convention. (kinda. Shattered my FM tropo DX record-- but was in my car & 15 miles too far north to count it.)

He also mentions that WNJS-23 has dropped considerably in signal strength. I don't show any record of them applying for a power or antenna decrease, my suspicion is either that a technical failure has forced a power cut or, as Steve speculates, it has something to do with the NJN budget cuts.

Steve is also seeing the All News Channel on WYOU (22) late at night (WTVF (5) here also runs it overnight, instead of the CBS overnight program), and wonders whether the mystery ANC on channel 24 might actually be a full-power station-- possibly WTAT Charleston, S.C.? Either that or WJET Erie, though I suppose it's pretty hard to get a UHF signal across the mountains.

Bill Nienajady, Clifton, NJ:

As always, Bill sends a stack of clippings!

From the August 28 *NY Daily News*, details of NYC stations' coverage of Hurricane Andrew. Ratings of news programs skyrocketed in major markets.

CBS sent a "relief mission" of about 24 employees, including carpenters & electricians, and truckloads of building supplies, to help repair the homes of 40 CBS-owned WCIX (6) employees whose homes were damaged by the storm. Some of these employees have been sleeping at the WCIX studios. Also sent were writers & producers who could relieve WCIX employees, allowing them to take care of their homes. Finally, WCBS (2)'s satellite truck was sent to Miami to beam WCIX's signal to area cable systems until they could return to the air on channel 8.

Sept. 4 Post: "Channel Nine (an Australian network) initially said 'technical faults' caused it to stop 'Australia's Naughtiest Home Video Special' 30 minutes into the hour-long show and replace it with the American sitcom 'Cheers'." The show was a compilation of amateur videos that viewers said depicted semi-nude scenes, a distant view of a couple making love, and shots of animals mating. The network later admitted a flood of viewer complaints was the real reason for the sudden change of heart..

Finally, from the August 31 *Daily News*, WNGT (41) Macon, Ga. announced that its only news program, "Live at Five", is being cancelled due to low ratings. Their 11pm news was cancelled 3 years ago for the same reason.

Bill also comments that "WEXP", the experimental HDTV station on channels 27 and 28 in Hoboken, is off. "They might go back on - I hope not." Bill also notes WGTW 48 on the air. He also notices a weak signal-- weaker than WYBE-35 Philadelphia. "I don't give much hope of WGTW succeeding."

FCC RULES PRIMER: POLITICAL BROADCASTS

While not strictly related to DX, there's been a fair amount of controversy over political advertising this year. Congressional candidates in some districts (including one near Nashville) have aired commercials purporting to show aborted fetuses. And stations have been fined for not offering candidates special discounts normally reserved for long-time advertisers. The political advertising rules are part 73.1940.

A "legally qualified candidate" is anyone who has announced to the public their intention to run for nomination or office; who is qualified under local, state, or federal law to hold the office they're running for; and who is either on the ballot, or has committed to a write-in campaign and has made a substantial showing that they're a bona fide candidate.

73.1940(b): For 45 days prior to a primary election, or 60 days prior to a general or special election, the rates charged for political ads may not exceed the lowest unit rate for the same class & amount of air time. Earlier, the rate charged may be no more than

that charged to a commercial advertiser, and any discounts offered to commercial advertisers must also be available to political candidates. Recently, this has been interpreted to mean that if a station offers a commercial advertiser any discount (for example, a 20% discount for advertisers buying 5 30-second spots a day for 6 months), they must offer the same discount to politicians, even if they don't buy 6 months worth of spots.

73.1940(c): No discrimination is permitted between candidates in practices, regulations, facilities, or services, nor may any preference, prejudice, or disadvantage be given. Stations cannot enter into contracts with one candidate which excludes the advertising of other candidates for the same office.

73.1940(g): No station is required to permit the use of its facilities by political candidates, but if a station does permit such use, it must offer equal opportunities to all candidates for that office. Licensees have no power of censorship over the material broadcast by a candidate. Appearance by candidates in bona-fide news programs doesn't count.

This section is backed by the Communications Act of 1934, an act of Congress which the FCC can't amend on its own. It's why, for example, the "aborted fetus" ads air aired-- I know of no station which wanted to air those ads, but this regulation specifically requires them to do so. Indeed, a political candidate could conceivably appear on camera naked, and stations would not be permitted to censor him, though it'd be a sure way to lose the election! Some people have requested that the FCC rule the commercials in question indecent, prohibiting them from the airwaves except between midnight and 6am, but the Commission has refused to do so-- in any case, which conflicting federal law would take precedence?!

Well, I've already missed one big tropo-- but weather patterns seem to bode well for a good tropo season this fall. After the abysmal Es season, we deserve it...

73 Doug



FM NEWS

Bruce F. Elving, Editor
Box 336
Esko MN 55733-0336

Contributions earnestly solicited!

WZWA: Is it for Real? Column's Swan Song Announced

A Nashville FM mystery on 99.3 has been solved. "It was indeed W257AR [Donelson TN], set up to relay WAMB-1. WAMB-1 leaves their exciter turned on and modulation faded to it when the power amp is off for the day," says Doug Smith. "There's enough leakage from the exciter that the translator was able to pick it up and relay it," and now that translator has embraced Christianity and is relaying W.A.Y.M. #88.7 Columbia TN instead of WQZQ-FM 102.5 Dickson TN. Hurricane Andrew took down the tower of WCIX 6 in Homestead FL and FM stations WXDJ 95.7, WRTO 98.3, WMCU 89.7 and WDNA 88.9, although WDNA was already off the air for unknown reasons. Channel 6 has rejoined the airwaves at a lower height, along with its Spanish SAP at 78.67 kHz, but fate of the FM's unknown. Two people called from SE FL the morning I am typing this and I forgot to ask about the FM's. Doug also mentions WMLF-FM 94.1 Paris TN as having recently embraced stereo. The "WKNO Stations" is a nonID shared by WKNA #88.9 Senatobia MS, WKNP #90.1 Jackson TN, and WKNO-FM #91.1 Memphis.

Gus Mancuso reports on his experience tuning in a station, which may or may not have been WZWA. Carlsburg WV, which the FCC has deleted: "Don't remember [hearing an] ID, but I have down that I got [it] two times: from mountain and from valley. Vaguely recall getting one station with strange IDs, don't remember what, but remember it was unusual." Well, that's not exactly convincing evidence that WZWA exists. Anyone else want to venture to WV and try out 90.1? Gus is not sure if WRRF-FM 95.3 Ranelle or WOTR 96.3 Lost Creek WV has stereo. WRRF-FM has always been a monophonic blight on the FM dial, and no other human being has been known to tune in WOTR.

Chester Royster answers my question in the Aug. VUD about direct one-couplers. The part # is 9300-8 and it costs \$2.60, an 8 db directional coupler from Microwave Filter, 6743 Kinne St. East Syracuse NY 13057. "Rich, Earl or any of the other technicians [in the WTFDA] can explain the coupler's benefits such as 1) no loss on your main antenna and 2) the prevention of down-phasing. I used one with superb results when my antennas were spaced around 50' apart. Later I horizontally stacked two FM 13s and eventually made a quad. It appears that the regular 75-ohm splitter/combiner gave the best results in both situations." Microwave Filter Co. has since sent me their eight page brochure. See below for a comparison of one of their products with Andy Boon's.

New calls for Waterbury CT 104.1 are WYSR, "Star 104.1," says Mike Bugaj. No format change, they're trying to wean DX listeners away from WZMX 93.7. "Also, I think that someone is giving you the wrong info on WLNG-FM 92.1. I have been checking them out for days now and my stereo LED has yet to come on. They are not stereo. I would guess that somebody heard WRNQ-92.1 from the Poughkeepsie area and thought they had Sag Harbor."

You'll have to grope around without benefit of a program guide as you DX #90.1 WOJ-FM Ames. Lack of funds has brought about the demise of that publication, after the Sept., 1992 issue, as Robert Baker reported. It was costing them \$20,000 to keep that publication afloat.

The new GE Superadio III is in (apologies to Saul Chernoff), and I have four in stock as of this writing, selling unmodified for \$50 plus \$4.50 shipping. Stewart West says it is in the new Best catalog at \$39.98 (list price \$49.95). "I'm sure other discounters will have this radio," John Ebeling and I as well as George Sherman compared the new model with the old. It seems about the same on FM, but AM sensitivity is poorer on the new model. It lacks the many-ganged tuning condenser the old set had and the dial is more crowded, the right half of it. I think to compensate for poorer AM sensitivity GE included an AM "wide-narrow" switch. The new radio appears to be extremely difficult to change the filter, unlike the old 72885 model. I will not put replacement filters in the new model, but will offer the SCS modification at the same price as for the older model. I took two of them to the NR Convention in Omaha and they both sold, as well as a bunch of FM Atlases—after my little talk on FM DXing Saturday night. Ken Chatterton—whose name appears on an old WTFDA membership list—was there, as was Frank Merri and perhaps other WTFDA folk. I have not seen a WTFDA membership list in about two years, it used to appear every January. I hope Bill can oblige this year! As I was driving north from Lincoln, KWPN-FM 107.9 West Point NE had a definite spur on 107.5, not sure if it was a transmitter anomaly or an unlisted translator.

Greg Coniglio came back from eastern NC and found WHOV Hampton on 88.1, having moved from 88.3 WKJA Belhaven—no sign of it on 101.1, and probably not on 92.1, from which it was supposed to move. WKJE 104.9 Hertford NC not yet DX ready, and WTKF 107.3 Atlantic NC, with its news and talk format, suffers from the disease of being monophonic. It looks like W2BOCR 103.9 Kitty Hawk is a goner, and they wouldn't dare intrude on 102.3 because nearby WERX 102.5 is so strong. W214AL #91.7 with WJAZ Summerdale PA is a reality [York PA], and CKEY 101.1 Fort Erie now daring to say "Key FM 101.1" at times. It's WJNC, ca. letters probably inspired from Greenland, that hold forth on 107.7 in the Buffalo area with K, displacing WEZQ. "Keep up the great work!" admonishes Greg, who does a fine column in the VUD.

It's stereo for sure for WCLS 100.7 Oscoda, which gets out fine in MI's "Thumb" region, says Karl Zuk. WFRM McIntosh sent a clipping about recent format changes on 103.9, 103.1 and 98.7 in LA. They are all trying to attract 25-54 year old DXers, with Newport Beach 103.1 now KAJZ and Santa Monica KBJZ, sans "Mars FM." And KKLA 99.5 does have beautiful stereo music especially at night, in spite of its religious talk format most other times. Besides having stereo on the main carrier, KKLA has a gospel music format at 67 kHz SCS,

FCC FM

but in a foreign language

Dave Sinclair sent a CRTC announcement about the need for a Toronto radio market study to determine who should be awarded the 99.1 frequency left vacant after the folding of the CKO pseudo-stereo news network. "I read with interest your comments in the August VUD about height comparisons with FM. Very interesting differences!" There was a good article about FM DX in the May Popular Communications, "Listening for FM DX," by Ransom Stoddard, and it mentions the WTFDA as well as my "FM Atlas and Station Guide."

"Remember how I got you started with SCA?" asks John Ebeling. "Back in 1961 or so, I gave you my first adapter built on a copper plate high-voltage cage cover from a Motorola TV set. I had just completed a more complex adapter. Look what that gift led to! Notice Muzak no longer has any appreciable pause between sections. KSTP FM now keeps the carrier on all the time—no need for a mute circuit. I do not even recognize any Muzak sections any more—nothing's even familiar. Twenty years ago I used to listen to them. Years ago, you could set your watch by the pauses, music would start at the hour and each 15 minutes thereafter." And he notes KRGR Albert Lea MN still on 95.3, not yet on 94.9. I stopped by and talked with them, and they have yet to move—having problems with



zoning and possibly from competitors who would rather they stay a Class A. They were hopeful, saying maybe the next week they could break out the champagne. John goes on: "I'm confused about your statements in the August VUD re FM editorial. You mention a special six-month subscription and in another area mention you may quit the publication. What gives?" First, I thank John for leading me to the SCS web and helping me to draw so much satisfaction and money from it as I have lead over 5000 folks to try that brand of DX listening. I just bought a Heathkit AR15 tuner/amplifier from him that I plan to put SCS into; it had been used for DXing untapped, replaced by a Penncrest receiver. About my plans for this column we'll read on.

I am rather shocked that you would even consider giving up your contribution to the VUD though. I can sort of understand that FM editorial competes with the VUD/visa versa," says Bill Nienajady. "A lot of us hardcore dedicated FM DXers would be pretty much left out, even though many of us have bought, and will buy the many items that you have offered for sale in the past and in the future. We were there all the time for you and you are there for us. FM editorial is an excellent, well-read newsletter but one of the reasons why I have not subscribed is because three other nearby DXers already subscribe to it and inform me of new stations coming on the air. FM editorial seems more geared to the commercial market/the 'industry' than just for FM DXing per se, even though the info on stations and station grants appear in both. One section of your VUD 'FCC News' that I really appreciate is the 'See Also' section. Here is where you spotlight DXers' catches for certain changes in format, stereo status, slogans, etc., and this was not in FM editorial since it is geared toward the 'industry'. If you drop your very valuable FCC News, this section would likely be history. Another part of your FCC News in the VUD is the various comments we DXers contribute. Often, very often we

Boon Phase Box a Bargain?

October, 1992

Learn more from reading this part of the VUD than even the DX reports themselves! Through the comment section, we first learned about phasing and quite a few other terms that have helped our DXing dramatically! Now if you add a DXing section to FM editorial like you do with FCC News in the VUD, along with member and nonmember comments then I could understand you dropping the VUD as long as the comments and See Also were then added to FM editorial. It is scary to think what would have happened if you decided to drop out of the VUD three years ago! None of us would have known about phasing, feedback on selectivity modification and your witty inputs. Face it, Bruce, we owe a lot of our DX catches to you, if you really think about it. All I am asking is please don't give up your FCC News column in the VUD. We owe a lot to you. Please reconsider!"

Regarding phasing, Bill says: "It is possible to DX without a phase box to get DX in the same direction as a farther station and last week we had a surprise opening to Boston 93.7 Lawrence MA and 92.5 Haverhill MA both overrode 93.7 Hartford and 92.5 Waterbury, thus even without phasing. I know for sure, because I disconnected one antenna from the phase box and, vep, they were still there. Yes it does happen, but at least here it's not very common at all. If you look at my recent DX to KC back in May of this year you will see that if it weren't for phasing a lot of stations simply would not have been heard. Here in the very crowded Northeast phasing has become a necessity, not a luxury. . . I doubt you would want to spend \$545 on Microwave Filter's overpriced junk. They use only ONE phasing adjustment, the other adjustment is an attenuator. In contrast, Boon's Box uses TWO capacitors/aka/two phasing adjustments. If you have Boon's filter on the phasebox, you'll see that he offers a two-week money-back guarantee if it doesn't work out. Personally, for what he is selling it for it is a lot cheaper than a new tuner or practically anything else. Again, here in the Northeast the phase box is a godsend, the way all those new stations are coming on the phase box is as important as a yag!" Bill also corrects on WLNG-FM not having stereo, but they are stronger, now with their new 5 kw power. "On page 9, Aug. column 1 Format Changes Selected! you list FL New Port Richey WLPJ #91.5. How can this be when 89.3 Monroe NY is also WLPJ? A massive FCC mistake?" [show Monroe NY as WLPJ, La.] "Also on p. 9 Aug. VUD column 3 SCSServices PA Philadelphia WWDH 96.5, this individual cannot get WYDB except when WQXR-FM is off? Maybe you could sell her a selective tuner so she can get WYDB even with WQXR-FM on the air. I have no problem at all. . . despite WQXR-FM at 10 p.m. As Gus Mancuso once said, '3 ess three fivers' Well, that is it from here, and again please don't give up your FCC News in the VUD. Believe me it is FAR more valuable than you might think!"

Bush—I am sure others could handle it, you might see the feature "Station News" expand. I've had the column so many years now (anybody know for sure?) that it's time to give someone else a chance. My time is so limited that something has to go: this column or FM editorial. Anyway, I plan to do this column through December, h.e. Articles B I sent include WBLS 107.5 attacking the ratings services for poor reporting among black DXers of their audiences. WNEW AM being so d to bus newsman Michael Bloomberg, who hates music but will cram the 1130 airwaves with business news. Infinity Broadcasting po sed

1988, 1990, 1992, 1994, 1996, 1998, 2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2020, 2022, 2024, 2026, 2028, 2030, 2032, 2034, 2036, 2038, 2040, 2042, 2044, 2046, 2048, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2068, 2070, 2072, 2074, 2076, 2078, 2080, 2082, 2084, 2086, 2088, 2090, 2092, 2094, 2096, 2098, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2138, 2140, 2142, 2144, 2146, 2148, 2150, 2152, 2154, 2156, 2158, 2160, 2162, 2164, 2166, 2168, 2170, 2172, 2174, 2176, 2178, 2180, 2182, 2184, 2186, 2188, 2190, 2192, 2194, 2196, 2198, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2214, 2216, 2218, 2220, 2222, 2224, 2226, 2228, 2230, 2232, 2234, 2236, 2238, 2240, 2242, 2244, 2246, 2248, 2250, 2252, 2254, 2256, 2258, 2260, 2262, 2264, 2266, 2268, 2270, 2272, 2274, 2276, 2278, 2280, 2282, 2284, 2286, 2288, 2290, 2292, 2294, 2296, 2298, 2300, 2302, 2304, 2306, 2308, 2310, 2312, 2314, 2316, 2318, 2320, 2322, 2324, 2326, 2328, 2330, 2332, 2334, 2336, 2338, 2340, 2342, 2344, 2346, 2348, 2350, 2352, 2354, 2356, 2358, 2360, 2362, 2364, 2366, 2368, 2370, 2372, 2374, 2376, 2378, 2380, 2382, 2384, 2386, 2388, 2390, 2392, 2394, 2396, 2398, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2424, 2426, 2428, 2430, 2432, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452, 2454, 2456, 2458, 2460, 2462, 2464, 2466, 2468, 2470, 2472, 2474, 2476, 2478, 2480, 2482, 2484, 2486, 2488, 2490, 2492, 2494, 2496, 2498, 2500, 2502, 2504, 2506, 2508, 2510, 2512, 2514, 2516, 2518, 2520, 2522, 2524, 2526, 2528, 2530, 2532, 2534, 2536, 2538, 2540, 2542, 2544, 2546, 2548, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2568, 2570, 2572, 2574, 2576, 2578, 2580, 2582, 2584, 2586, 2588, 2590, 2592, 2594, 2596, 2598, 2600, 2602, 2604, 2606, 2608, 2610, 2612, 2614, 2616, 2618, 2620, 2622, 2624, 2626, 2628, 2630, 2632, 2634, 2636, 2638, 2640, 2642, 2644, 2646, 2648, 2650, 2652, 2654, 2656, 2658, 2660, 2662, 2664, 2666, 2668, 2670, 2672, 2674, 2676, 2678, 2680, 2682, 2684, 2686, 2688, 2690, 2692, 2694, 2696, 2698, 2700, 2702, 2704, 2706, 2708, 2710, 2712, 2714, 2716, 2718, 2720, 2722, 2724, 2726, 2728, 2730, 2732, 2734, 2736, 2738, 2740, 2742, 2744, 2746, 2748, 2750, 2752, 2754, 2756, 2758, 2760, 2762, 2764, 2766, 2768, 2770, 2772, 2774, 2776, 2778, 2780, 2782, 2784, 2786, 2788, 2790, 2792, 2794, 2796, 2798, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2818, 2820, 2822, 2824, 2826, 2828, 2830, 2832, 2834, 2836, 2838, 2840, 2842, 2844, 2846, 2848, 2850, 2852, 2854, 2856, 2858, 2860, 2862, 2864, 2866, 2868, 2870, 2872, 2874, 2876, 2878, 2880, 2882, 2884, 2886, 2888, 2890, 2892, 2894, 2896, 2898, 2900, 2902, 2904, 2906, 2908, 2910, 2912, 2914, 2916, 2918, 2920, 2922, 2924, 2926, 2928, 2930, 2932, 2934, 2936, 2938, 2940, 2942, 2944, 2946, 2948, 2950, 2952, 2954, 2956, 2958, 2960, 2962, 2964, 2966, 2968, 2970, 2972, 2974, 2976, 2978, 2980, 2982, 2984, 2986, 2988, 2990, 2992, 2994, 2996, 2998, 3000, 3002, 3004, 3006, 3008, 3010, 3012, 3014, 3016, 3018, 3020, 3022, 3024, 3026, 3028, 3030, 3032, 3034, 3036, 3038, 3040, 3042, 3044, 3046, 3048, 3050, 3052, 3054, 3056, 3058, 3060, 3062, 3064, 3066, 3068, 3070, 3072, 3074, 3076, 3078, 3080, 3082, 3084, 3086, 3088, 3090, 3092, 3094, 3096, 3098, 3100, 3102, 3104, 3106, 3108, 3110, 3112, 3114, 3116, 3118, 3120, 3122, 3124, 3126, 3128, 3130, 3132, 3134, 3136, 3138, 3140, 3142, 3144, 3146, 3148, 3150, 3152, 3154, 3156, 3158, 3160, 3162, 3164, 3166, 3168, 3170, 3172, 3174, 3176, 3178, 3180, 3182, 3184, 3186, 3188, 3190, 3192, 3194, 3196, 3198, 3200, 3202, 3204, 3206, 3208, 3210, 3212, 3214, 3216, 3218, 3220, 3222, 3224, 3226, 3228, 3230, 3232, 3234, 3236, 3238, 3240, 3242, 3244, 3246, 3248, 3250, 3252, 3254, 3256, 3258, 3260, 3262, 3264, 3266, 3268, 3270, 3272, 3274, 3276, 3278, 3280, 3282, 3284, 3286, 3288, 3290, 3292, 3294, 3296, 3298, 3300, 3302, 3304, 3306, 3308, 3310, 3312, 3314, 3316, 3318, 3320, 3322, 3324, 3326, 3328, 3330, 3332, 3334, 3336, 3338, 3340, 3342, 3344, 3346, 3348, 3350, 3352

MIN Mont Carlo KMDM 1070 hit the air 1 year
 everything I could think of," said owner Greg
 Davis, but the station did not have the necessary
 advertising support. Davis had pleaded for
 advertisers as a Chamber of Commerce member
 in mid July, but the only calls that came in were
 from stemmers. Davis and a dozen employees
 at their jobs.
 NY New York WJVE 1130 Bloomberg subsec
 FCC approval. To Michael Bloomberg for \$13.5
 million. He is an investor with "absolutely no
 experience in broadcast ng," and will drop the
 station's m-o-r music and go to all "financial news
 A move is under way to try to buy WZRC AM

TX Huntsville & KKNX 1400 share!

PT Provo KMY 980 goes modern rock and
updated by area college students separately
from similar y-formatted sister station KXRA
96.1
Keep up the fine work "

FBI Rulemakings Proposed

First date is deadline for filing comments at the
FCC, second date is for replies. Stations affected,
if any, are listed

AK Permer 95.6C1 for 95.7C1 KUZS Sep 18
Oct 5 [KQAA Sep 28, Oct 13]
MN R 95C1 for 95.7C1 KQAA Sep 28, Oct 13
MS Beizon 106.3A for 92.8A, WJIS with
Cleveland (Sep 18, Oct 5)
MS Cleveland 92.9C2 for 92.7A WDTL FM,
MOC enters 95.3C3 for A KDKA-FM Oct 1 25
NY Norward 96.1A Sep. 28 Oct 13

FBI Rulemaking Fine-tuned

Dates are when FCC filing windows are open

AL Eas Brewton 95.74 Sept 14-Oct 14
LA West Monroe 98.3C1 for C2 KYEA
MS Keweenaw 27.3A for 106.3A off-air WNYC-FM
MS Okla one deleted 105.7A
MS Petal 106.3C3 from A. WFMF
MD New London 105.9C3 Sept 25-Oct 26
NC Pinebluffs from Scotland Neck 95.5C3 for
A, WVRT
TX Bandavies 107.7C2 Sept 22-Oct 22
TX Big Spring 94.3C2 Sept 14-Oct 14
95.9C3 from 95.3A KBST FM
TX Midland 95.1C3 for A. KQRY
TX Sterling City 98.6C2 Sept 14-Oct 14
WV Ravenswood denied WAZZ 108.1A bid to
change to Williamson WV
There will have been some Formal Chances

this month but that part got erased from the

computer after it was run in FMedial

Bruce 730y Elmore

FCC Relaxes Radio Rules

The FCC won some and lost some. Retreating from its earlier proposal to allow one owner to have 30 AM and 30 FM stations, it settled on 18 stations in each service, which will increase to 20 in two years. Group owners would be allowed to exceed the national limits if they create a plan to help small businesses or minorities become station owners. The FCC did not define what it means by a "small business" in local markets; a single owner would be allowed to have a maximum of two AM and two FM stations where

there are 15 or more stations—down from three each in the original proposal. The reductions in ownership numbers from the FCC's original proposal come in response to anticipated congressional

pressure and possibly even a perception that DX now will be rendered less interesting.

with nonverifying policies of certain station

owners becoming more widespread

WESTERN TV-DX

October 1992

The only DX of note reported in August was tropo. A fine super tropo developed in the Midwest in the August 8-10 period. Another super tropo opening occurred from Illinois to New York/Pennsylvania on the 21st. California's Central Valley saw tropo on the 1st.

New _____ New Mode _____ Tent. - t Unidentified unid S/O - + S/off - -
ID Color Bars - # Unid Color Bars - % Misc. Test Patterns - &
Parallel Programming - // Scrambled - \$ MTS Stereo - \$

NL Nuevo Leon

A&E Arts & Entertainment
ANC All News Channel
CBN Family Channel
CHA Channel America
CNN Cable News Network
HSS Home Shopping Spree
LIF Lifetime
MSC Midwest Sports Channel
NOR CBC North

SHO Showtime
TBN Trinity Broadcasting
TBS TBS SuperStation
TNM The Nashville Network
USA USA Network
VJN Jukebox Network
VVM Valuevision Network
WCH Weather Channel

Robert Kramer, Box 8244, Chicago IL 60680 (N9MSK) (312-262 6299) CDT

Equipment: See August 1992 Western TV-DX.

June 1992

17 Es 1759	WEDU 3 FL 1002	29 tr 2339	WNMO 24 OH 220	7 tr 0423	MTLW 44 OH 200				
	WEAR 3 FL 785	31 tr 2058	WBSX 31 MI 205	0438	WGTU 29 MI 225				
		2059	WCMV 27 MI 206	0440	WUAB 43 OH 293				
			WGKI 33 MI 206	0504	WTOL 11 OH 220				
			WFUM 28 MI 224	0508	WADL 38 MI 240				
			2334	WTVS 56 MI 240	(Audio a/WCFC)				
				(Thru WYIN-56)	0527	W48-- 48 ??			
			2342	WNMO 24 OH 220	(Unknown Religion)				
				WUPW 36 OH 220	(See Note # 2)				
			2353	WJRT 12 MI 224	0531	W69BJ 69 MI 174			
					0541	WEYI 25 MI 222			
						WNMO 24 OH 220			
						0542	WBGU 27 OH 200		
							WGTU 30 OH 220		
							0544	CBN 40 OH 338	
								0537	WUPW 36 OH 220
								0546	WCMJ 14 MI 200
								0706	WFUM 28 MI 222
								0756	CBN 44 OH 349
								8 tr 2250	KIIN 12 IA 203
								2317	KPTH 42 NE 438
								2345	KSHB 41 MO 424
								2352	KOZK 21 MO 440
								9 tr 0011	KOPT 19 MO 424
								0027	KSPR 33 MO 440
								0133	KTVQ 3 MO 225
								0320	KCCI 8 IA 315
								0321	KNLJ 25 MO 335
								0323	KARE 11 MN 360
								0327	KALI 41 MN 414
								0336	KIIN 29 MN 360
								0345	KGAX 42 MN 475
								0350	KRWX 43 MN 419
									(See Note # 3)
								0409	KLGT 23 MN 380
									W33AX 33 MI 121
								0428	K19BG 19 MN 414
									(St. Cloud TBN)

July 1992

2 tr 2106	WUSI 16 IL 219	2327	WFUM 28 MI 224
2119	W39BH 39 IL 129	2334	WTVS 56 MI 240
	(Champaign HSS)		(Thru WYIN-56)
2128	W58AA 68 IL 122	2342	WNMO 24 OH 220
	(Danville WAND-17)		WUPW 36 OH 220
2240	WGFN 49 IL 180	2353	WJRT 12 MI 224
5 tr 0740	WQPT 24 IL 145		
7 tr 0706	WCMU 14 MI 200		
	WBGJ 27 OH 200		
0753	WTVS 56 MI 240		
	WGPR 62 MI 240		
	WBSX 31 MI 205		
0822	WRGT 45 OH 237		
Es 1018	WEDU 3 FL 1002		
1045	WTYY 4 AL 727		
1508	KIII 3 TX 1116		
1726	KGBT 4 TX 1226		
1820	KATC 3 LA 840		
9 tr 1808	WXOM 19 MI 230		
	WHLA 31 MI 230		
18 tr 0301	WXON 20 MI 240		
0757	WCMJ 14 MI 200		
2155	WBSX 31 MI 205		
2207	WBGJ 27 OH 200		
27 tr 0650	WBGJ 27 OH 200		
	WBSX 31 MI 205		
	WFUM 28 MI 224		
	WAQP 49 MI 222		
	WTYS 56 MI 240		
	0700	W69BJ 69 MI 174	
	(Lansing WAQP-49)		
28 Es 2100	KENW 3 NM 1004		
29 tr 2332	WBGU 27 OH 200		

August 1992

1 tr 0703	WCMU 14 MI 200		
2 tr 2208	WGKI 33 MI 206		
	2310	W69BJ 69 MI 174	
	2312	WBSX 31 MI 205	
3 tr 0220	WXON 20 MI 240		
	WADL 38 MI 240		
	0650	WCMU 14 MI 200	
	2234	W33AR 33 IL 75	
		(Rockford WCIU-26)	
5 tr 2344	W33AX 33 MI 121		
	(Madison TBN)		
7 tr 0005	W34AY 34 IL 129		
	(Champaign TBN)		
	0044	W40AN 40 MI 288	
	(Escondido WLUK-11)		
	0351	WXON 20 MI 240	
	WGKI 33 MI 206		
	0357	W48-- 48 ??	
	(Unknown VJN)		
	(See Note # 1)		
	0416	CKCO 42 OH 260	
	0421	WAQP 49 MI 222	
	WTYS 56 MI 240		
	0422	W59CA 59 MI 173	
	(Jackson WAQP-49)		
	0423	WGPR 62 MI 240	

Western TV-DX

October 1992

Robert Kramer (continued)

9 tr 0428	K15-- 15 ??	9 tr 0633	KVIN 24 IA 307	10 tr 0420	W39BH 39 IL 129
	(Unknown TBN)	0635	KTIN 21 IA 335	0462	WFIE 14 IN 267
	(See Note # 4)	0648	WHLA 31 MI 230	0601	WEHT 26 IN 267
0433	K21CK 27 MN 434	2200	KIIN 12 IA 203	0602	WEVY 44 IN 267
(William TBN)		10 tr 0215	KNLC 24 MO 265	1825	WEYI 25 MI 222
0437	K26CL 26 MN 480	0303	KDNL 30 MO 265	WAQP 49 MI 222	
(Alexandria WCh)		0311	W24AW 24 IN 45	2003	WXON 20 MI 240
0542	KITH 12 SD 560		(Valparaiso ANC)	2004	WBSX 31 MI 205
0550	KINT 3 IA 307	0404	W33AY 33 IL 180	2005	WTYS 56 MI 240
0553	KITC 10 MN 292		(Springfield HSS)		(Over WYIN-56)
0605	KVRR 15 ND 572	0406	K21OD 21 MO 265	2052	W69BT 69 IN 76
0617	WLAX 25 MI 230		(St. Louis HSS)		(South Bend WICU-26)
0619	WXOW 19 WI 230	0407	W34AY 34 IL 129	2205	WNMO 24 OH 240
0623	K43-- 43 ??	0410	K18BT 18 MO 265	11 tr 0655	KSHB 41 MO 424
	(See Note # 5)		(St. Louis TBN)		
		0413	WHLA 46 IL 264		

Note # 1 - VJN with no promos, just the video list. ID as "Power 98" (48? fm), possibly W48AP?

Note # 2 - Family Channel - antenna bearing north of the VJN, probably in the Detroit area. (W48AV? fm).

Note # 3 - No video, just audio all night. Occasionally a scrambled video signal, but usually just black.

Note # 4 - TBN in with the same signal strength and at the same time as K19BG and in the same direction. (No channel 15 TBNs are known in Minnesota. However, the Family Channel affiliate at Appleton, K15DC, carries religious programming at that time. fm).

Note # 5 - Translator with KVRR 3/4 color bars. Distorted signal, with video moving horizontally across the screen. Bearing towards southern Minnesota or northern Iowa. (I think you were probably watching KRWF. As any DXer who has seen this one during tropo can attest, it is usually a mess. I have never seen a full service station with more problems and it has been going on since it came on the air. The distorted video is being broadcast by KRWF, and in my experience, usually involves KMEG-14 video. How it happens is still unknown to me. In his report this month, Jeff Kadet surmises that KRWF must get its signal via K14AD. I personally don't think KSTP would go that route to feed a full service station. Also, the signal which I frequently see KRWF broadcasting does not look at all like the co-channel interference which we are all familiar with. The interference varies sharply, like a fast switch, leading me to believe it is interference to their FM microwave feed. However, I have no personal experience to confirm this. fm)

The opening on August 9th was one of the best I've ever seen. The Minneapolis area was the strongest I've ever seen.

My antenna system suffered some minor storm damage on July 2nd. Winds of nearly 100 miles per hour zipped through the area, bending my mast (which is a water pipe) to about 10 o'clock. The antennas still work fine. They just took a little ward.

I am currently working with the technical director of the Chicago Amateur Radio Club to create and design an extremely high gain amplified system that will have no overload. It however, won't be as compact as present commercial amplifiers. I will probably have more on this at my next report. 73.

John Jefferson, 4104 Spyglass Ct., Antioch CA 94509 (415-778-8727) PDT

Equipment: See August 1992 Western TV-DX.

After a promising May, June & July were dismal. August 5 may have been the best day of the season, but alas I was at work during that opening. Somewhat compensating for the lack of skip was a several-day spell of exceptional tropo up & down the Central valley which provided 5 new loggings. Underlined are new.

July 1992

7 Es 0709	KOLB 4 MT 905	29 tr 2130	K34DF 34 CA 185	1 tr 0138	K49CT 49 CA 124
	2129	KNOP 2 NE 1110	(Redding LPTY)		(Paradise KHSI-12)
9 Es 0659	KMID 2 TX 1175	2330	K67DY 67 CA 121		0236
			(Chicago CHA)		K14HX 14 CA 200
17 tr 2330	K52AJ 52 CA 100				(Lakehead KIXE-9)
	(Lakeport KCSO-19)				2 gw 2258
	(See Note)				K08LC 8 CA 45
					(Sacramento KICU-36)

John Jefferson (continued)

Note - ID as KCSO-19/KREN-27. Previously translated KSTS-48.

Here's the MUF breakdown to date

DATE MUF	TIME	DATE MUF	TIME	DATE MUF	TIME	DATE MUF	TIME	DATE MUF	TIME
6/25	---	7/4	---	7/13	---	7/22	---	7/31	---
6/26	2	7/5	---	7/14	2	7/23	---	8/1	101.3 1655
6/27	---	7/6	99.6	7/15	2	7/24	---	8/2	---
6/28	---	7/7	97.1	7/16	98.7	7/25	---	8/3	---
6/29	---	7/8	94.9	7/17	---	7/26	---	8/4	---
6/30	2	7/9	5	7/18	2	7/27	---	8/5	1938
7/1	---	7/10	4	7/19	5	7/28	---	8/6	---
7/2	---	7/11	2	7/20	98.7	7/29	---	8/7	---
7/3	---	7/12	4	7/21	97.5	7/30	2	8/8	3 0957

* On 8/5 around 1700 Eric Sundius had skip to 107.7, but I was at work until 1930. From early May thru 7/24 I averaged 2 days work a week, but started a new job 7/27 & now am extremely busy again. So the big day of the season happens in August! And on 8/7 Eric had skip to 100.1 while I was again working. Groan!

Jeff Kruszka, 2824-E Steamship Circle, Harahan LA 70123 (504-733-8539) CDT

Equipment

Sylvania 12" black and white, quad loop cut for channel 2, Radio Shack U-75 corner yagi. Mitsubishi HS-U31 VCR.

August 1992

1 Es 1059 KYW 3 PA 1092 1 Es 1134 WVAR 2 MO 1003 1 Es 1145 WFSB 3 CT 1264

Excluding an exceptional tropo opening in July, I have one word for this season - Pathetic

Jeff Kadet, Box 20, Macomb IL 61455 (W3CRH) (309-633-1809) CDT

Equipment: See August 1992 Western TV-DX.

July 1992		18 Es 2115	CKND2 2 MG 818	3 tr 0305	KARD 14 LA 583
4 Es 1115	XEFB 2 NL 1162		WTKR 3 VA 806		#K61EU 61 MN 254
1700	WESH 2 FL 956	21 Es 1330	KKTO 2 NM 918	(Austin	TNH)
	WPBT 2 FL 1165	25 Es 0830	KPRC 2 TX 799		#K55F 55 MN 254
1830	unid ch 2 Mexico	0930	KENW 3 NM 858	(Austin	CNN)
	unid ch 4 Mexico		unid ch 2 Mexico		#K49DB 49 MN 254
	unid ch 3 Mexico	27 tr 0240	K35CF 35 IA 179	(Austin	TBS)
6 Es 1029	CKCK 2 SK 959	(Des Moines	TBN)		Austin 45, 51,
	CFQC1 3 SK 1149	0245	K41DD 41 IA 179		53 and 57
	SCBKFT2 3 SK	(Des Moines	HSS)	4 tr 0402	K44DO 44 MO 120
1100	WPTV 5 FL 1130	28 tr 0200	KARD 14 LA 583		(Osage Beach KNLJ-25)
	WUFT 5 FL 877		(See Note # 1)		(See Note # 2)
	WJXT 4 FL 870	D900	WDSI 61 TN 467	0410	KARD 14 LA 583
	WEDU 3 FL 1054		WTCI 45 TN 467	5 tr 0403	KARD 14 LA 583
	WCPX 6 FL 983	Es 0900	WGBH 2 MA 1014	0449	WDSI 61 TN 467
	WESH 2 FL 956	1012	WVAR 2 MD 747	0834	W46A 48 TN 415
1700	WCBS 2 NY 874	tr 1100	WVEU 69 GA 578		(Cookeville TBN)
9 tr 0556	#K53DI 53 MN 254		WGNX 46 GA 576	Es 1200	XEFB 2 NL 1162
(Austin	SHO)		WATL 36 GA 578		unid ch 5 Mexico
	#K57EU 57 MN 254		WPBA 30 GA 576		unid ch 6 Mexico
(Austin	LIF)		WHSB 63 GA 590		(Both //)
	#K51GY 51 MN 254	29 tr 0355	W38BK 38 IN 245		%unid channel 2
(Austin	USA)	(Evansville	TBN)	1225	KMOL 4 TX 883
1014	#K45DF 45 MN 254	Es 0525	CBGAT14 2 PQ1408	6 tr 0312	KARD 14 LA 583
(Austin	CBN)			7 tr 0312	KARD 14 LA 583
2034	W54AP 54 IL 185	August 1992		8 tr 0405	KARD 14 LA 583
(Blue Island Catholic)		2 tr 0317	W24AW 24 IN 200		(See Note # 3)
18 Es 1130	unid ch 2 Mexico	(Valparaiso	ANC)	2135	#K34DB 34 MN 355
	KIII 3 TX 968	KARD 14 LA 583		(Redwood Fls	MSC)

Jeff Kadet (continued)

6 tr 2135	St. James MN 21,	9 tr 0104	#K31BT 31 MN 425	21 tr 0255	WGBS 67 PA 814
	32,38,40,42,44,		(Appleton CNN)		unid ch 48- east
	46,48,50,52,54		0207 #K15DC 15 MN 425		WTGIt 61(NJ)
	320		(Appleton CBN)		(0 kHz - WQHS)
	W62BD 62 MN 340		(w/TBN program)		WHP 65 NJ 838
(Minneapolis VVN)			0226 unid ch 18 MN	0330	CITY 57 OH 620
	Austin 45,49,51,		(See Note # 6)		CFMT 47 OH 620
	53,55,57,59,61		0231 K18DG 18 MN 445		W44AG 44 PA 562
2215	K35CY 35 MN 340		(Alexandria NOS)	(Erie TBN)	
(Minneapolis HSS)			0240 #K39CJ 39 MN 490	0410	WXTVt 41- (NY)
	2224 #K61AU 61 MN 390		(Erhard WGN-9)	0425	unid 64 // WOAC
	(Granite Falls WCCO- 4)		0250 K45AR 45 MN 450	(See Note # 7)	
	K68BJ 68 MN 355		(Eagle Bend LPTV)	0430	CIC059 59 ON 466
	(Redwood Falls KARE-11)		(Bulletin/rx mx)		WUHT 31 NY
	K67AN 67 MN 390		0258 K34DG 34 MN 395		(0 kHz - WBSX)
	(Granite Falls KRWF-43)		(Willmar MOR)	0517	WVIA 44 PA 775
	2300 #K59BE 59 MN 390		0301 #K56BZ 56 MN 425	0521	CBLN 64 ON 455
	(Granite Falls KARE 11)		(Appleton KARE-11)		CBLFTB 61 ON 558
	2324 K57CN 57 MN 280		unid 57 KARE-11		W64AK 64 OH 550
	(Wabasha KSTP- 5)		0316 #K18DI 18 MN 390	(Conneaut WVIZ-25)	
	K46CB 46 SD 376		(Granite Falls CBN)	0540	WETG 66 PA 562
	(Sioux Falls KDLT- 5)		(w/TBN program)		WGLN 54 PA 562
9 tr 0000	#K22DO 22 MN 390		K48AH 48 MN 395		WVNZ 56 MA
	(Granite Falls TNH)		(Willmar KMSP- 9)	22 tr 0440	K14AD 14 MN 395
	unid ch 58 MN		K20AC 20 MN 465		(Willmar KSAX-42)
	(See Note # 4)		(Wadena KSAX-42)	0524	unid 16 MN
0030	K65DN 66 MN 395		0340 had to leave		(See Note # 8)
(Willmar WCH)			21 tr 0200	W29BQ 29 IL 190	
	K36AA 36 MN 445		(Decatur TBN)	0530	#K19CV 19 MN 355
	(Alexandria KARE-11)		0227	WVY 68 NY 765	(Redwood Falls CBN)
	0050 K63DY 63 MN 420		CBLN 40 ON 511		
	(Little Falls KMSP- 9)		WVSE 68(NY) 875	September 1992	
	0104 KRWF 43 MN 370		CIC018 18 ON 511	3 tr 0432	#K43DH 43 MN 254
	(See Note # 5)		CKC03 42 ON 467		(Austin A&E)

Note # 1 - Apparently a regular on troposcatter at 583 miles. If I put the R7000 on channel 14- in FM narrow and sit on the channel, their audio will occasionally fade in above the noise level for brief moments (usually between 0300-0430 CDT) 90% of days tried.

Note # 2 - Reverend Larry, the guy who runs KNLJ-25 and KNLG-24, was airing his own political ads. He was running in the Missouri primary for public office. Is this legal? (Sounds OK to me. Of course he has to provide the opposition equivalent spots at the same rates, if they want them. fm)

Note # 3 - Already a legendary northwest opening probably only rivaled by the one on August 18, 1983 when Fort Francis, Ontario, was blasting in on FM until the late AM, but I wasn't set up for UHF TV yet. Every clear channel had layer upon layer of weak translators and LPTVs fading in and out over each other just like the graveyard frequencies on the AM broadcast band. Unfortunately, I had to leave during the heat of it and was preoccupied before that with packing.

Note # 4 - Probably either Alexandria or Redwood Falls, both STV.

Note # 5 - Anybody trying to watch KRWF tonight would have gotten quite a headache. They must get their signal off the air from K14AD which was being demolished by same offset KMEG-14.

Note # 6 - Probably either Redwood Falls or Appleton, both STV.

Note # 7 - Assume that this is W64AK picking up WOAC-67 (usually WVIZ-26 via W87AL)???

Note # 8 - WTJR-18 was off the air for about ten days. This was a STV 0 kHz to South Bend. Probably St. James, but could be Granite Falls.

Question: Do LPTV/translators have assigned offsets. (Not that I am aware of. As I understand it, back before LPTV was invented, 1 kW translators operating on allocated channels had to comply with the offset. That may still be a requirement if an allocated channel is used. fm)

Correction from last report: the WCOL-49 New Orleans Video Jukebox logging on June 17th was actually K49CG in Little Rock, also channel 49. Jeff Kruszka wrote to say WCOL was off the air. I replied that I had logged a local ad with a Metairie, Louisiana phone

Jeff Kadet (continued)

number, plus there were other mentions of Louisiana. Jeff then called the phone number to discover that it was an advertising agency in Metairie selling time on both K49CB and another LPTV in Monroe, Louisiana. Thanks, Jeff

A week after the great Minnesota opening of August 8-9 I decided to drive up there on a translator/LPTV transmitter scavenger hunt. I wanted to try to solve some of the UNIDs, get a better idea of where all these places were located (and the terrain the signals have to travel over) plus get a feel for what LPTV/translators are still up there that are needed. I had also never seen a LPTV/translator site before.

Managed to track down the sites of St. James, Redwood Falls, Granite Falls, Appleton, Alexandria, Willmar, Olivia, Eagle Bend and Winona. STV is alive and well in Minnesota. Of 85 stations visited, 37 were scrambled. Residents of Willmar get everything for free while residents of Appleton have to pay for everything. It's now easier to understand why Appleton is so hard to log from here. Of their 10 STV stations, 5 of them have no audio and 4 of them are negative video.

(The Willmar translators, and others that you visited, operate those unscrambled channels on "the honor system". You are supposed to pay if you are watching. For example, in Alexandria, the Weather Channel has a crawl on it advising viewers that their fair share is \$45.00 a year. A very reasonable charge in my opinion. fm)

Minnesota LPTV/translator stations logged here is at 79. Total LPTV/translators logged is 341. 73.

William Eckberg, 1032 Sterling Road, Dixon IL 61021

GDT

Equipment

1986 Zenith b&w tube receiver ch 14N22, modified Zenith 175-2225 detent tuner. Rohn tower - Channel Master 1110 at 41'. Rohn crankup tower Channe Master 7 foot dish with RDX Labs UA900 (round) preamp/ifier at 52' and 125' of Jarrold CAC11.

August 1992

1 tr 0345 W54AP 54 IL 87 (Blue Island religion)	9 tr 0200 KTYM 12 SD 470 0305 K14AD 14 MN 360 (Willmar KSAX-42)	9 tr 0610 KYRR 15 MD 498 0620 K45AR 46 MN 408 (Eagle Bend LPTV)
3 Es 1715 WESH 2 FL 985 1730 WPBT 2 FL 1229 1800 WEDU 3 FL 1031	0315 K48AH 48 MN 360 (Willmar KMSP- 9) 0555 KCCO 7 MN 404 KCCW 12 MN 439	10 tr 0150 W5ABK 54 IN 120 (Chesterton ANC) 0220 WZTV 17 TN 408
9 tr 0110 KSAX 42 MN 404		

I saw Fargo channel 15 snow free in the AM of August 9th. I haven't seen a Fargo station in 30 years! It was the best tropo ever in that direction with five 5 out of a total of 8 loggings over 400 miles. I was gone several days so missed other tropo.

Fred McCormack, 2384 Teakwood Dr, Maplewood MN 55119-5520

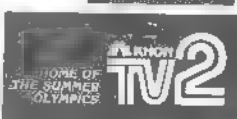
GDT

Equipment:

General Electric 9" color (Model C9GP103). VHF: Rabbit ears. UHF Archer Golden-U UHF Indoor Antenna (2 bow-ties).

August 1992

10 tr 0103 K28DF 28 MN 110 (Brainard KMSP- 9) 0729 KCCI 8 IA 215 0730 MHO 13 IA 215 0859 KRIN 32 IA 190 15 tr 0828 W39AF 39 WI 70 (Grantsburg WMC 28)	28 tr 0859 KHIN 36 IA 270 September 1992 3 tr 0235 K43DH 43 MN 90 (Austin ABE) 0247 KDSM 17 IA 215 5 tr 0108 WMTV 15 WI 215 0128 unid channel 16	5 tr 0148 WFLD 32 IL 0152 WCFT 38 IL 0157 WCIT 26 IL 0226 WGBA 26 WI 250 6 tr 2225 KPTM 42 NE 310
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**EASTERN TV-DX**

Bill Nienajadly/N2QJJ
PO Box 2999
Clifton NJ 07015-2999
201-478-3044 no collect

October 1992

Out off 3 months

Deadline the 5th

LONG HAUL TROPO WITH SOME RARE PATH TROPO HAVE BEEN REPORTED ON AUGUST 22-24. VERY LONG HAUL TROPO OVER RARE PATHS IN MID SEPTEMBER!! NEXT MONTH IN ETV-DX A KY TV DXER SEES CT ON UHF! AND SAME KY DXER SEES CANADA VHF's and UHF's! HISTORY MAKING TROPO IN SEPTEMBER!

As this column is being typed up in mid Sept. word has reached ETV-DX about some very long haul and rare path tropo. Though some of these reports mentioned in this headline are not yet in the DX columns, by phone-your ETV-DX has heard about...Ed Phelps in KY sees Philly Scranton, Binghamton and Hartford CT on UHF! On the FM side, Daxers have heard MI and New Brunswick Canada at the same time, Daxers in CT hear MI, IN and SC in the same day. A dixer in the DC area, sees MI UHF's and a NY UHF near the Canadian border. A Dixer in the Cape Cod area reported Kitchener ON and NS & NB in the same evening! Some guy from Clifton sees finally a Canadian UHF. Plus a lot more to mention & report will be in next months' ETV-DX.

-THIS MONTH'S ISSUE CONTAINS-

Bob Seybold of NY reports goodies like WPDE 15 SC and stuff out to MN. Dave Nieman reports WUND-2-NC via tropo. A bunch a fine loggings this month also for Eric Voytko who had Buffalo NY & CICO 28 from his DC area location. Tropo seems to be making up for the lack of E-Skip this year, good luck to everyone who got in on the excellent tropo in August and mid September! Please report to your respective columns. On to YOUR DX!

Bob Seybold 10567 Benett Rd Dunkirk NY 14048

After a so-so season as far as DX goes, it finally opened up tropo wise in recent days here. Starting August 20th till & including the 24th there was a solid run of tropo-300-1000 miles in various directions. There were many super catches including long awaited UHF from Florida on Aug 23rd. Some of the Dx seen as follows:

Aug 20th-evening-noted Louisville 32; Lexington 36, Cincinnati 48, Columbus 28 & 34, Dayton 16,22 & 45, WJTC 26, WPO 42, WHIZ 18, WOUC 44, Mansfield 50, Ashland 59, Newark (Ohio) 51 and other tentative Kentucky U's;

Aug 21...morning- really opened up to west: all Chicago U's in quite strong: Rockford super 17,23 39 also LPTV's from Rockford 33,45 -all new. Iowa U's, Cedar Rapids 32, Red Oak 36, Solix City 14, Dubuque 40, Indiana U's 15,16,18,21,22,23,28,33,39,55,34, 46,62, Milwaukee U's 18,24,36,30,58: Green Bay 26,38: Bloomington IL 43: Champaign, Peoria, Decatur U's: Charleston 51, La Salle 35, translator on 65 from IL. Also translators or LPTV's on 15,59,69 all Michigan. A channel 43 from Ironwood repeating Green Bay 11 (new): Later in the day-in evening-Madison U's 15,21,27,33 & 47: Plus Fox 18-Davenport: Michigan U's 52,54,64,14,23,25,53,66,28,41, 19 plus 69 LPTV from South Bend and many UNIDs buried under others-Band loaded-strong signals!

Aug 22-Morning, Madison U's in again, plus Green Bay, Cadillac, Western Wisconsin U's 20,28,55 (new). Milwaukee, Chicago, Fox 15 Ottuma Iowa (new): KVRN 15 North Dakota, unid Minnesota U's, other Wisconsin U's including 14- 2nd day in a row. Rockford 17,23,39 still in strong: South Bend, Lafayette, Ft Wayne U's all in: Michigan-Bad Axe 35: Grand Rapids 17,35 super Kalamazoo 52 & 64: Muskegon 54, WUHQ 41: Many LPTV's from Michigan also. 65 from Milwaukee, Cadillac 27, Manistee 21: WMUQ 14, WUCM 19: As day wore on- Sudbury 19: Saulte Saint Marie 20 & others. On most of these days-Parkersburg 15: Columbus, Dayton, Newark -51, WOUC 44, Lima 27,35,44 all in: Pittsburg U's, all Elmira, Binghamton, Scranton, Utica Syracuse, Watertown, all in fairly good. Going back to Aug 21 in morning-forgot about these Plattburgh 57in super, best ever seen. Canadians to the North and Northeast very good, CBC on 26 repeating Kingston 11 (new) CBC-59, Belleville 15,53, Ottawa 24 & 40. Montreal 35: Others on 20 & 42: Hull 30, 55: Ottawa 33 (rare) 32 & 38: Watertown 16 & 50 strong: Norwood 18: Burlington 22 & 33: Utica & Syracuse strong.

Aug 23-Super Opening to East coast and to Southeast near coastline, Hickory 14 Roanoke 15, WLYH 15, Hampton 15 super, and then in 2 days continuous: WPDE 15, WAAP 16, WBOC 16, Philly 17, Nashville 17, WCDC 19, Washington 20,26,50 & 66 (Manassas), Baltimore 24 & 45 & 67: Annapolis 22: Harrisburgh 21 & 27: York 43 Red Lion 49, Trenton 52, WITF 33, all Scranton U's super, Norfolk 33 (new) in 2 days: Portsmouth 27 strong fro hours & hours, Roanoke 27, 38: WJKA 26, WRLH 35, WLFL 22- Raleigh 28: WUPB 31, WUMP 36, WFPT 62, Kingston NY 62 WNRW 45, WKPT 40, WEFC 38, 55,67,68 from NYC area, WLIW 21 super: Conn 30, 26, 61 all good. Waterbury 20. Boston 25: Burlington 22 & 33 strong, Binghamton WSKG translators on 60 & 69 Hagerstown 25 & 68: unid 63 (most likely in Virginia, NJ, or E PA) -running old movies way into the night. Blank video carrier on 69- 2 AM & after. Aug 23 continued, 23 & 47 Altoona, NJ 65 w/HSN, number of translators on 64: unides on 59, Reading PA 51, Ch 48 repeating 24 Morgantown W.VA. This was a super opening-very strong signals-continuous hours & hours.

(Bob Seybold's report continues on the next page-BN)

Bob Seybold continued from the last page.

Aug 24 - Some still remaining but fading slowly- Norfolk, Hampton, DC, NYC still in, also Harrisburg, York, Philly Baltimore, Scranton & Conn (some U's)- Normal reception later in the day.

Aug 25-27- General conditions down, but a few in: Columbus, Dayton, Louisville, Richmond 43: Bloomington 42, Springfield 26 & lots of tropes scatter- No real strong signals.

That's it for now Bob Seybold

Matt Sittel 603 Fulton Rd Apt B-24 Tallahassee FL 32312 904-386-2212

4 Bay UHF w/Winegard CR-800 Pre-Amp, Teknika TV-22 Tuner, Rabbit ears for WF SMO 13' TV Indoor Antennas @ 15' AGL, elevation is about 185 ft.

AUGUST 1992 ALL TROPO

26 2301 WJCL 22 GA 205	29 0659 WJCL 22 GA 205	29 0859 WLTX 19 SC 323
2304 WTGS 28 SC 205	0700 WTGS 28 SC 205	30 0917 KHTV 39 TX 671
2305 WJAT 24 SC 317	0829 WKXV 25 MS 283	0929 KRIV 26 TX 671
29 0645 WMAH 19 MS 276	0845 WENX 46 GA 229	1224 WMAH 19 MS 276

I didn't include any of the under-200 mile loggings, as I haven't logged a whole lot yet, and after I see more stations, I'll list only the New loggings (after I've gotten most of the near ones) I had my UHF antenna outside, but I bought it indoors as it didn't seem to make any difference where it was. I can use the "Armstrong Rotor" indoors and watch the signals at the same time. I get scatter from WPXI-15 & WSRE 23 almost all the time anyway. I don't get the locals real well, though. And VHF is full of cable leakage. As for where I am in relation to where John Combs was, I'm about 5 miles WNW of his old QTH. I'm only about a 1/2 mile South of I-10, and near some local FM's. After about 2 weeks of rainy, DXless days, I got to enjoy some good stuff! The TX stations came in at the end of a fantastic FM opening (see SFMDX). At times, though, I had nothing on TV (not even WSRE!), and Texas on FM. Go Figure (It's called frequency selective ducting, great DX on FM nothing on TV or visa versa TV is great, FM poor. I've seen it a few times-BN) I got KRIV-26 on tape, thanks to the Teknika. John Combs kindly sold one of his Teknika's, as he found an extra TV tuner at a Hamfest. Thanks John!

73's Matt

(Matt nice going with your TX DX from your new location, if the cable leakage is really that bad, call the cable company to complain. Maybe there is a illegal tap. If that doesn't help, call the FCC, if it really is THAT severe, the FCC could shut the cable down'-BN)

Frank Wheeler 6589 Wattsburg Road Erie PA 16509

6/13 ES 1500 WJCL 3 FL 888	6/16 Tr 1100 WKUG 33 IN 267	7/7 ES 1600 WDIQ 2 AL 802	7/18 1833 CKCK 2 SK
2314 KMTV 3 NE 817	6/17 ES 1708 WAGN 2 CO 1312	2054 KPRC 2 TX 1212	7/28 1100 KJRH 2 CK
6/14 ES 1300 KJED 2 SD 896	6/20 ES 2203 KJNE 3 NE 1005	7/11 ES 1059 KJNE 3 NE 1005	1000 CHMT 3 NE
1430 KPRC 2 TX 1212	7/4 ES 1958 WHEE 2 FL 1009	2000 WHEE 2 FL 1009	7/29 1158 KJMO 2 WY
6/16 Tr 0806 WJLU 16 IN 312	7/7 ES 1427 WJL 4 LA 1002	7/18 ES 1402 KSNW 3 KS 962	1100 WHEE 2 FL
0830 WJNE 15 IN 267	1530 WHEE 2 LA 1016	1436 WJL 3 MS 880	8/10 1100 WHEE 2 FL
			2000 CHMT 3 NE

Robert Grant 8226 Beaverland Detroit MI 48239 313 RE0-8966

JUNE 1992 TROPO FROM DETROIT

29 0130 WSOX CH	29 0140 Sandusky-text	29 0205 COOC 25 CN	29 0300 Tannoyes
(WJED 68)	CRKE 16 CN	Sandusky/LaGraine	0540 CKCO 19 CN
W8CC CH	0155 CKCO 11 CN	CHEN 20 CN	Sandusky/WJED
(Toledo TBN)	CHEN 45 CN	0205 CKOC 9 CN	W32AN "
0140 W4AP CH	CKCO 12 CN	CBFT 68 CN	FSK GW ID-where???
7/20 ES - (Mobile near Shamrock TX) 1650 WJTN 2 OH t	7/21 ES - (From Dalhart TX) 0959 WBAY 2 WI	7/21 ES From Colorado Springs CO	
7/21 ES - (From Dalhart TX) 0959 WBAY 2 WI		1700 WBAY 2 WI	
7/28 ES - (From Carleton MI		KEAN 2 IA	
2000 KOTA 3 SD		WIMJ 4 WI	
KIWO 2 WY		WHSF 4 IL	
KCAC or KWSB-4		1707 WCIA 3 IL	
(Crosby & WJIV)		1711 WAMT 3 MI	
KNDX-2 NDC // & Ø WJED			

(Robert Grant's report continues on the next page)

Robert Grant continued

Es in '92 a disappointment, but better than the total absence in 1991. Began good this year but it lost steam at the end of June. 6/29 tr was a very good opening, with a very sharp Southern cutoff (note logging of the WJED translator, but not its primary!) - the lucky break was all major Detroit UHF's were off the air, too bad I can't count ghosts on loggings. When W4AP was strongest, I had ghosts on CICO32-32 and CBFT-54 to the south that were about 10 lines Down Vertically, indicating a path on the order of 100 miles longer - I suspect the ghoster was the cooling tower of the Davis-Besse nuclear power plant in Ohio. The distance in this opening was to the north, with rare Sudbury loggings. I doubt the 23.7 kw power listing for CBCE in the data base, the near snowfree logging in this opening and other reports from other DXers in the past seems to say that what flows through the final of CBCE's transmitter, is no little current.

The big vacation produced no unusual DX, but it was fun to log WMMI by ES in CO, days after seeing it by GW in Detroit (also WCIA seen in IL by GW), then KOTA-3 by Es at my in-laws', 3 days after watching a movie on it in a Rapid City motel room! Also took the TV to the top of pikes peak, Denver stations were snowfree, and KGWS was fair, but my loop antenna kept falling apart, making a serious bandscan impossible. 73 & Gud DX

Tom Bryant 849 Todd Preis Dr Nashville TN 37221 615-646-2000

AUGUST 30 1992 ALL TROPO

0202 WXIN 59 IN 269	0400 WILW 44 OH 358	0431 WTLK 14 GA 178
0250 WBGU 27 OH 387-cb	0409 WRGT 45 OH 292	0442 WANS 21 NC 243

Comments: Jeez... what a lousy month... No ES, No MS, No Au: just plain P.U. (Does PU stand for Probation? Uncooperative - Hi Hi-BN) Thanks to the ONLY opening of the entire month, did nail two new U's. A few relogs are included to give an indication of the extent of the opening. Also in were all Louisville Chattanooga and Huntsville U's: and a couple out of Atlanta. It just has to get better! Station count now totals 338. GoodDXing! Tom

Bob Smolarek 31 Mark Drive High Bridge NJ 08829

AUGUST 1992 ALL TROPO

23 0005 WFXI 8 NC 409	23 2030 WMPB 67 MD 131	23 2314 WVEC 13 VA 280
0008 WFLA 22 NC 404	2244 WCPB 28 MD 162	24 0630 WCVB 23 VA 263
0010 WKFT 40 NC 420	2254 WMPB 31 MD 177	Best Ever
0023 WHAC 25 MD 177	2300 WHSP 65 NJ 65	0635 WTKK 66 VA 188
0031 WRDC 28 NC 398	Overloading!	

August 23rd was one of the greatest trop days I've ever seen, we don't see TV stations 400 miles away too often.

Joseph Fela - 150 Robert Place - South Plainfield, N.J. - 07080

Equipment: G.E. monitor, Antennacraft P-7 dish @ 35 ft., Winegard PA-4975 amp, rotor. For VHF, the FM antennas are used.

AUGUST 1992	23 Tr	0000 WYDO 14 NC 385
13 GW	0315 WGTW 48 NJ 58	0030 WPDE 15 SC 507
	(Burlington, NJ, initial tests)	2214 W44AD 44 VA 210
22 Tr	DX 676 here with free DX, including	(Onancock - WTKK-3 Norfolk)
	Baltimore 24 and 45, Salisbury 16 and 28;	2314 WJAC 6 PA 240
	Norfolk 15, 27, 33; WTKK-66 exceptional,	(WPVI phased,
	WFL-22 NC, WNCN-36 NC, WKFT-40 NC, and	24 Tr
	W3BAV-38 Luray, VA (repeating WPT-51).	0001 WJND 2 NC 340
	2258 WECT 6 NC 469 (WPVI phased)	(s/off, WCHS phased)
	2300 WFTX 8 NC 410	0028 W25AA 25 VA 210
	2359 WJNM 19 NC 425	(Onancock, relaying WLYH-15
	2359 WJNJ 39 NC 477	after WYRO-15 s/off).
		0031 WJKA 26 NC 491
		0200 WKBS 47 PA 220

A few times on 8/22 and early 8/23 are approximate as are a few millages (didn't have a chance to calculate them exactly). WEXP-27 (testing 3-D television) and WEXP-28 (HDTV testing), both Stevens Institute, Hoboken, N.J. have been off the air for weeks, perhaps for good. W36AS in New Brunswick, N.J. continues an erratic schedule. They will run a day or two on a 24 hour basis carrying something called the American Family Entertainment Network. Then they'll vanish for a number of days or even a week. However, they are still on most Friday, Saturday, and Sunday evenings with Indian programming. 73, Joe.

Bob Timmerman 1210 Desoto Ct. Auburn IN 46706 EST year-round

Equipment: 1975 Quasar AC/DC B&W, 4-bay UHF indoors, rabbit ears

September 1992

4 Tr 0400 KARE-11 MN 480 4 Tr 2200 KMEG-14 IA 583 4 Tr 2230 KYIN-24 IA 421
 2100 KCRG-9 IA 356 2215 KWWL-7 IA 331 5 Tr 0035 WJFW-12 WI 363

Look for a new LPTV on channel 19 in Defiance, Ohio.

WINM-63 has been off the air for many months and may not return this year. Their transmitter site was destroyed by teenage vandals. The jerks were caught and now reside in a state prison. WINM's translator, W66BD Fort Wayne, is still on the air.

Eric Voytko 1721 Dalewood Place, McLean, VA 22101

703-356-9661

Equipment: JHP-Screened 6' Channel Master dish, Winegard PA-4975 preamp and 6 UT-2700 traps
 HD73-1 rotor, RG11/064 Foam, 35' AG
 VHF-Channel Master Quantum 1110, Archer rotor, RG11/064 foam, 35' AG
 RECEIVERS-Icon TV/R-7000, JVC HRD970, VCR, Zenith and Sony Monitors

August 1992

5 Es 1824 KJRH-2 OK 1030
 6 Es 1937 KCCA-3 SD 1390
 22 Tr 1333 Scranton PA J's
 1543 WPTV-41 (NJ) 210
 1544 WJTV-47 (NJ) 210
 2231 WUND-2 NC 220
 (J/WMAR)
 2233 WYDO-14 NC 240
 2242 WUNJ-39 NC 320
 2244 WTVL-42 NC 330
 WNCN-6 NC 220
 WJZY-46 NC 40
 2348 WFXI-8 NC 280
 23 Tr 0603 Charlotte NC U's
 0805 WBRB-13 VA 200
 0823 WPEC-38 VA 200
 0832 WNRN-45 NC 250
 (J/WRFP)
 0844 WFTT-27 VA 200
 0854 WLSL-10 VA 200
 ES 0855 WRRZ-2 LA 990

0901 MUF-3
 Tr 0944 Durham NC J's
 0945 WUNJ-39 NC 320
 0948 WPDZ-15 SC 340
 1029 WCCB-18 NC 320
 1105 Norfolk J-10-13
 1124 Scranton PA U's
 1128 WSKG-46 NY 230
 1149 WWCN-8 PA 140
 1150 WFAJ-10 PA 130
 (Most of these today
 in all afternoon)
 2250 WFSX-3 PA 170
 2252 WPKI-11 PA 180
 2255 WQEX-18 PA 180
 2303 WKXA-2 PA 180
 (J/WMAR)
 2311 CICO-TV-28 ON
 (See note)
 2313 WSEE-35 PA 260

2321 WICU-12 PA 260
 2328 WKYC-3 OH 170
 2348 WNEO-45 OH 156
 0028 WLVZ-39 PA 150
 0051 WCHC-11 ON 330
 (J/WBAL)
 0107 Charlotte NC 's
 0600 WENT-36 NY 220
 0603 WHEC-68 NJ 210
 WHTI-67 NY 260
 0605 WXTV-41 (NJ) 210
 0609 WETH-18 NY 220
 0644 WLIW-21 NY 240
 0649 WSKG-46 NY 230
 0700 WICZ-40 NY 230
 0728 WNAZ-64 (RI) 370
 0729 WEDN-53 CT 320
 0734 WDCB-48 NY 210
 0845 WGBA-26 RI 360
 0847 WJIG-55 NY 260

NOTE-was very weak, zero offset and French, same direction as WKYC and WCHC. The '87 Database lists this and others on 28z as English, but I'm assuming it was CICO-TV-28 for lack of a better explanation

Strange weekend of tropo on 9/22-24, as it never really burned off during the day. Best part was late on 23rd and 24th, filling in much needed gaps to the north. WKYC-13 is a new VHF tropo record for me, and I have not logged WNAZ since 10/90. On the down side, no matter how good it gets, I can't seem to break the 400 mile mark. Hopefully that will happen this fall.

On the 23rd I had E-skip in the middle of a tropo opening that had me nuts, but I decided to stay on trop hunting. I still managed to ID WBRZ, which seems like a local sometimes.

I am back to using a PA4975 that I just bought from Ford Electronics. They have about four left if anyone still wants one. Speak with Darrell.

Distances shown in my reports are obtained from the Map feature on my MacII, based on the Transmitter coordinates listed in TV Factbook. It rounds everything off in tens, but is more accurate than using the Atlas and cities of license.

Have noticed unknown testing locally on ch. 38; on 9/1 had full cb green scale from 1724 to 1732, and multi-color on 9/2 from 1800 to 1830+. On 9/2 called FCC Monitor station in Columbia, MD and they saw it too, but they were unaware of any authorized tests and are looking into it.

More symbol used in ETV-DX: \$-Stereo de-From t tentative TBN-Trinity Broadcast Net

VJN-Video Jukebox Network also now known as The Box cci co-channel interference

HDTV-high definition TV phased/phasing-nulling out a local/semi local for DX on same channel

cb-color bars s/f-snow free ns/f-near snow free lcl-local slcl-semi local

PH/O-Phased over SB-Same Bearing as (when phasing a semi/local same bearing as the DX)

Dave Nieman 12284 Nice Road Akron New York 14001 9529

Equipment RCA 19" b&w TV with Teknika 6510 tuner, Channel Master 3617B VHF on a CDE rotor at 23 feet. Channel Master 4251 UHF (7' dish, with Blonder Tongue CMA Ub preamp on a crankup tower at 30 feet with Alliance HD 73 rotor Using RG 11 coax for both antenna
 New loggings are underlined. New call {K K K K}

August 1992

JW 1450 22 ON 77

UnIDed channel 22 testing with best reception with antenna north The signal was better than Peterborough UHF stations but not as good as Toronto UHF Dave

Dave Nieman Ho Sta Geh, Road Rock City, New York

Equipment RCA 9" b&w TV, Radio Shack V 110 VHF at 25 feet, Channel Master 4225A UHF with DX Tele Lab EU 4S preamp at 30 feet both antenna on Radio Shack rotor Using RG-6 coax
 New loggings are underlined. New call {K K K K}

August 1992

15 Tr 0630 WKYC 3 OH 170
 22 Tr 0823 CBLPT8 61 ON 142
 0837 CFIP 35 PQ 344
 0845 CBLN 40 ON .56
 0858 CBLN1 56 ON .42
 0900 WPMT 43 PA 168
 2047 WHSW 24 MD 212
 2052 WQLN 54 PA 82
 2057 CBLFT 3 15 ON 158
 2104 WITF 33 PA 147

August 1992

22 Tr 2118 WYOU 22 PA 151
 2135 WEIA 26 DC 228
 23 Tr 0617 WTKR 3 VA 388
 0629 WUND 2 NC 438
 0634 WVIA 44 PA 151
 0700 WPGH 53 PA 135
 0700 WNEO 45 OH 156

August 1992

23 Tr 0705 WTKK 66 VA 232
 color bars
 0729 WUSA 9 DC 228
 0730 WDCA 20 DC 228
 0732 WHRO 15 VA 363
 color bars
 0800 WGNT 27 VA 373
 0910 WMPD 22 MD 234
 0911 WMPB 67 MD 212
 ALL LOGGINGS ARE NEW

Tropo seen on the 22nd and 23rd may have been caused by Hurricane Andrew All the signals on VHF made IDing all but impossible. It looked like strong E-skip up to channel 13 Dave

Dane from Joisey PO Box 2999 Clifton NJ 07015-2999

Super tropo conditions have excited a lot of DXers and I have heard some very outstanding loggings of very rare paths. Unfortunately not much has happened at this QTH, in fact I pretty much missed out on the whole thing. In fact I'm much more of a FM DXer than a TV DXer, so when I got tips that Michigan was coming along with New Brunswick Canada and a day earlier or so, a FM DXer logged Chicago and despite being home during most of this period, nothing of significance occurred on FM here. TV however I fared a bit better on September 13 (forgot the time) Joe Fela called and told me WSYI 68 was coming in, sure ruff with lcl 68 off - there it was, but at ID time they faded out also WICZ ch 40 from Binghamton NY was doing real well too. Sept 14 @ 0059 IVO ch 24 from Ottawa was in weak but readable, my first Canadian ever on UHF! What a thrill. And the next nite on Sept 15 at 0150+ I saw Burlington VT ch 33 VEIV also ch 28 Vermont ETV, VEIV was last seen in the fall of 1990 during that years' Super Trop session. Good thing!

Editors' tidbits....I have two more reports left to do, the reason why they weren't in here, is because they were both long, both came after the deadline and MY deadline is close, and either one would've been split between this issue, and next months issue. Sorry for the delay guys, forgive me for hogging some of this page. Also I had to change daisy wheels on my 'printer', that's why the type is different this month.

Untimely Ch. 13 interference

PUBLIC station WNET Ch. 13 was hit with signal interference Sunday and Monday night at the worst possible time, the start of the August Pledge drive.

Viewers noticed Ch. 13's picture flickering and the ghost of another station's signal in the background, which was, ironically that of Baltimore's WJZ, which Ch. 13 general manager Bill Baker previously ran.

Baker said an investigation showed the interference, called co-channel interference, was due to problems in the atmosphere, possibly caused by Hurricane Andrew, and would eventually go away on its own. In the meantime, though, he said Sunday pledges were off about 50%.

Elizabeth Jensen

The above from the NYC Daily News August 26-in reference to 8/23 & 24.

SOUTHERN FM DX

OCTOBER 1992

Danny Buntin
1312 N. Skyline
Stillwater, OK 74075

DEADLINE: 14th

GULF TROP COMES IN AGAIN WHILE SOME HOT TROP FOUND IN KILL DEVIL HILLS, NC

Greg Coniglio, 5100 Glenwood Dr., Williamsville, NY 14221

Vacation DX: Kill Devil Hills, NC. One night had an interesting trop opening.

Equipment: Samsung digital boombox, whip, on 3rd floor

7/21 tr

(all 2100-2400)

WHYY 90.9 PA Philadelphia 285
WMGS 92.9 PA Wilkes-Barre, Magic 93, rm\$368
WPAT 93.1 NJ Paterson, light mx 340
WYSP 94.1 PA Philadelphia, Eagles promo 285
WMNR 93.3 PA Philadelphia, album rs 285
WSTW 93.7 DE Wilmington, wiping out WKOC259
WFLJ 95.5 NY New York, rs, 95.5 PLJ, tough
in WOCR slop 340
WFLN 95.7 PA Philadelphia, c\$, wiping WLT285
WATR 95.9 DE Bethany Beach, rp\$, 96 Rock170
WQXR 96.3 NY New York, c\$ 340
WDOB 96.5 PA Philadelphia, o/WDCX 285
WBSS 97.3 NJ Millville, way over WGH-FM 250
WEST 97.5 NJ Trenton, local sig., r show 304
WSKQ 97.9 NY New York, o/WKAF/WLGG, SS 340
(WMSH 97.9 PA Hazleton, over mess, tough catch
w/so many 97.9s closer(NYC, WITY, WKZF) 340
WRRZ 98.5 PA Wilkes-Barre, in the clear with
top 40, this & WMGS pretty far inland for
coastal trop! 368
(Tent. ch 24 Syracuse at this point. I knew
I was onto something big.)

7/21 tr

WRKS 98.7 NY NYC, topping WKOC, WKSI, WNCN
WMZQ mess 340
WCBS 101.1 NY New York, oldies 340
WRKE 101.7 DE Ocean View, rs\$, 100.7 Kiss FM
WQOD 101.9 NY New York, j\$ o/WLIF and WIKS
WIOQ 102.1 PA Philadelphia, rs\$, local 285
WSJL 102.3 NJ Cape May, tough in 102.5 slop
WGLC 102.5 MD Princess Anne, o/local WERX150
WNEW 102.7 NY New York, in briefly 340
WMGK 102.9 PA Philadelphia, tough o/WOW! 285
WAEB 104.1 PA Allentown, B104, rs\$, strong! 322
WQXR 104.5 PA Philadelphia, Star, rm\$ s 285
WIOV 105.1 PA Ephrata, k\$ 310
WDAS 105.3 PA Philadelphia, tough o/WNDR, s\$
WEAV 105.5 MD Salisbury, rm\$, Love 105 170
WEGX 106.1 PA Philadelphia, Eagle 106, rs\$ 285
WLTW 106.7 NY New York, mr\$ 340
WRKZ 106.7 PA Hershey, k\$, 2107, calls 300
WKDN 106.9 NJ Camden, topping WAFX 285
WELS 107.5 NY New York, over mess of WRRR,
WRZL, WFSM 340
WFSI 107.9 MD Annapolis, g 235
WBEZ 107.9 CT Westport, rm\$, both o/WNCT 355

Quite a nice opening. I knew something was up when driving home, stations from southern NJ, Eastern Shore of Maryland, etc., were staying in on the car radio will into north-east Pennsylvania. When I got back to Williamsville, I was shocked to discover that what were my locals and semi-locals down there were coming in a home! (Not as shocked as I would have been if I had not seen Syracuse tent., but still surprised). Watch NFM for details on that; I had stuff down to VA & NC out to 570 miles. I have never visited the Outer Banks before, nor have I heard that area on trop ever, and immediately upon returning home from there, my first ever trop opening to there?!! What are the odds?!! I heard WNNW 92.5 here, which was only 2 miles from where we stayed! I am sure that Hurricane Andrew had something to do with this. Reporters in NJ seemed to have had both sy locals and NC in at the same time during these days. The opening faded out early AM Aug. 24 and did not return. The Outer Banks is an excellent location for FM DXing. (But can you possibly get a decent paying job if you want to go there to live and DK7 DB) It is so far from everything that under dead conditions, the band is very open. Even stuff that you would think would be strong (Norfolk-70 mi., New Bern stuff-100 mi.) seem to be nullable during openings, and even fade occasionally on the car radio. For the week, a total of 201 FM stations were heard, most of which being tropo-scatter during dead conditions, or minor openings inland which seemed to happen when there were thunderstorms in the vicinity. the farthest south heard was WZZL 103.5 Charleston, SC (about 320 miles), which came in one evening for about 15 min. Otherwise, the circle of normal reception was: Conway, Georgetown, SC (104.1, 97.7), Charlotte (104.7, 101.9), Winston-Salem area (most of them were in all the time, very strange for the 250 mile distance and just a combox-maybe cause that window was facing inland this cut down the coastal stuff), Roanoke (89.1 in often, 94.9, 107.9 once in a while), Washington-Baltimore, South Jersey and Philadelphia with slight enhancement to the north. Most of North Carolina east of Winston and Charlotte was in very often, although fading was commonplace. In non DX terms, the Outer Banks were also very nice, there was plenty to do, plus the wilderness areas of the National Wildlife Refuges were very scenic; very beautiful land. I hope some others got in on this (or any other DX of note) and look forward to reading about it. Keep up the great work, Danny! 73. (Thanks but I apologize to the language purists when in the Sept. column I wrote season's rather than seasons and its rather than it's. DB)

A NOTE FROM RON WING OF WICHTA...I wanted to report some information which could save DXers from confusion. KTCM-100.3 (Kingman, KS) simulcasts KBUZ 99.1 (El Dorado, KS) 100%, apparently via off the air pickup.

SOUTHERN FM DX

OCTOBER 1992

Frank Holbrook, 407 Arundel Rd, Fair Haven Cliffs, Dunkirk, MD 20754

(Fair Haven Cliffs overlooking the Herring & Chesapeake Bays 15 miles below Annapolis, MD)
Equip.: Scott 310E FM tuner (from 60s) with an Archer Amplifier, Winegard CS-6065
single bay 10 element yaq1 with a Channel Master HPL4514 antenna

FREQ	CALL LETTERS	LOCATION	MILES	DATE	TIME EDT	REMARKS
96.1	W T T H	MARGATE, NEW JERSEY	TROP 120	6/13/92	0855-0923	Good-Nil to some QRM WGBR - ID as 96.1 WTTT THE TOUCH. Rock plus commercials. (HOLBROOK, MD)
95.3	W D N O	LAUREL, DELAWARE	TROP 55	6/13	1314-1338	Good- NIL QRM ~ Id as MAVERIC 95-Rock- Community Notes-Commercials. (HOLBROOK, MD)
91.1	W W N J	DOVER TOWNSHIP, N.J.	TROP 180	6/15	0932-0955	Good -fading after 0950 EDT. CLASSICAL MUSIC 89.1 WWM Trenton & 91.1 in Dover Township. Plus Weather. (HOLBROOK, MD)
88.9	W J M J	HARTFORD, CONNECTICUT	TROP 275	6/18	0455-0526	Good prior to 0614 and then fading. Pop music from 40s and 50s. etc. News & Weather. (HOLBROOK, MD)
88.9	W C V E	RICHMOND, VIRGINIA	TROP 100	6/26	0509-0552	Good & in clear till WRAA sign on at 0552 and then covered by the Baltimore stations. NEWS/WX/CLASSICAL MUSIC. (HOLBROOK, MD)
100.7	W J S C	PETERSBURG, NEW JERSEY	TROP 100	6/26	0827-0905	In and out w/moderate to heavy QRM WXYV Md. Relay WIP SPORTS 610. Station expressed shock when I call them they could be heard "so far?". (HOLBROOK, MD)
105.9	W X J N	LEES, DELAWARE	TROP 80	6/27	0734-0750	and gone -Little to very heavy QRM WQXR Va. (Surprised they were so poor reception here favors NE.) Slogan is the ALL NEW KISKS 106. Country music. WX and commercials. (HOLBROOK, MD)
99.3	W V E S	ACCOMAC, VIRGINIA	TROP 90	6/29	0859-0932	STRONG - Country music and commercials, weather- WVES ALL THE TIME 99. (HOLBROOK, MD)
90.7	W L F R	POMONA, NEW JERSEY	TROP 120	7/3	0002-0016	-Strong or excellent opening. Hardcore rock - PSA and long sign off message. Off at 0016 EDT - (HOLBROOK, MD)
98.3	W K T U	OCEAN CITY, NEW JERSEY	TROP 110	7/3	1028-1102	- Good much of period- Nil to heavy QRM (after 10:48 from WECY DE.) OLDIES-WEATHER-COMMERCIALS. Good report (HOLBROOK, MD)
92.3	W X R K	NEW YORK, NEW YORK	TROP 280	7/6	0954-1018	Good prior to 1015 and then eventually faded under WEOB Md. News- (Their view of the news!) Commercials. K-ROCK ID. (HOLBROOK, MD)
107.7	W G T Y	GETTYSBURG, PENNSYLVANIA	85 TROP	7/13/92	0218-0237	-SO SO thru QRM splash WELS NY 107.5 /WFSI MD 107.9/k some WRCY VA QRM under on channel. COUNTRY 108 Music and weather. LOST 0237 in QRM./ 0305-0339 STRONG nil/slight WIOQ QRM. GODDEN OLDIES-EXTRA 104.3 WQW (frequent id). Also Weather. (HOLBROOK, MD)
114.3	W X N J	AVALON, NEW JERSEY	110 TROP	7/13		(HOLBROOK, MD)
107.7	W R C Y	WARRENTON, VIRGINIA	65 TROP	7/13		(HOLBROOK, MD)
98.7	W F N N	VILLAS, NEW JERSEY	100 trop	7/19	0718-0746	In & Out thur local WMCQ. Pop music commercials. FUN 98.7 WNNN. (80-90s) (HOLBROOK, MD)
89.7	W T M D	TOWSON, MARYLAND	55 TROP (local)	8/13		1916-1940 -Music Noahs Ark etc PSI & WEATHER. STRONG (HOLBROOK, MD)

Matt Sittel, 603 Fulton Rd. Apt. B-24, Tallahassee, FL 32312 (904) 386-2212

Equipment Yamaha TX-900U tuner with modified filters, Archer rabbit ears.
2nd floor apartment, approximately 15' AGL and 185' ASL.

8/15 tr	8/30 tr	Great tropo continues! Day 2	
1031 WLTS 105.3 LA Slidell, calls	0644 KQID 93.7 LA Alexandria, 93-QID	487	
8/16 tr	0655 KBCX 97.9 TX Houston, The Box, s	663	
0004 WMAH 90.3 MS Biloxi, PRM	0700 KXTN 107.5 TX San Antonio, Tejano	854	
00-8 WZBA 104.9 MS Moss Point, calls	0706 KMLQ 102.1 TX Houston	663	
2149 WJFF 96.5 AL Birmingham, Majic	0714 KIKK 95.7 TX Houston, area ment.	663	
2254 WQID 93.7 MS Biloxi, 94-QID	0754 WBFY 88.5 AL Mobile, calls	226	
8/17 tr	0754 WBFY 88.5 AL Mobile, calls	226	
2159 WSVH 91.1 GA Savannah, ID	0800 KURF 88.7 TX Houston, ID	663	
8/18 tr	0803 KKKZ 107.5 LA Ruston, ID	511	
1013 WCHY 94.1 GA Savannah	0830 KQOK 106.5 TX Galveston, calls	634	
8/20 tr	0857 KKBQ 92.9 TX Pasadena, Easy k	655	
2320 WTKA 92.3 FL Orlando, K-92, Hi John	0910 WTVX 94.7 MS Jackson, Oldies 94	670	
8/21 tr	0945 WHEH 90.5 TX Houston, Mix, in \$!!	363	
0609 WISA 100.7 FL Tampa, over WFPS	0940 WEEZ 97.1 LA New Orleans, B 97	349	
1017 WTHM 101.9 FL Daytona Beach	1000 fede outs...but then,		
8/25 tr -Hurricane Andrew related-	2335 KZFX 107.5 TX Lake Jackson, in \$!!	676	
0730 WKNN 99.1 MS Pascagoula, wx info	2346 WEEZ 97.1 LA New Orleans, B 97	349	
0739 WCKT 107.5 MS Magee, k, Kixie 107	2358 KCIL 107.5 LA Houma, ID	389	
0755 WOKK 97.1 MS Meridian, local ad	8/31 tr -Great tropo still! Day 3-		
0759 WMEV 91.9 AL Dixons Mills, ID	0005 WQCK 92.7 LA Clinton, Q 92.7	400	
8/26 tr	0014 KILT 100.3 TX Houston, WSGY off	663	
0754 WALK 100.9 AL Selma, local ad	0018 WFMF 102.5 LA Baton Rouge, calls	410	
2215 WYUU 92.5 FL Safety Harbor, U-92	0039 WZBA 104.9 MS Moss Point, calls	249	
2259 WLOW 106.9 SC Bluffton, ID	0059 WRKF 89.3 LA Baton Rouge, ID	410	
8/29 tr -Three days of SUPER tropo! Day 1-	0104 KUMF 88.7 TX Houston, ID	663	
0927 WZZK 104.7 AL Birmingham, calls	0703 WWSM 97.5 MS Oxford, Miss 98	406	
0932 WBLP 107.5 SC St. George, ad	0708 WBYR 105.1 TN Waverly, V 105	437	
1016 WLR 104.7 GA Athens, 104.7 FM, s	0714 WYHY 107.5 TN Lebanon, Y 107	412	
2001 KKKZ 107.5 LA Ruston, ID, Kix 107.5	0718 WNPJ 102.9 AL Linden	241	
2043 WAFW 99.7 GA Atlanta, Power 99	0734 WDXK 100.1 AL Selma, Dixie 100, k	290	
2059 WRAF 90.9 GA Toccoa Falls, ID	0734 WBLE 100.5 MS Batesville, k 101	424	
2112 WSKZ 106.5 TN Chattanooga, calls	0739 WZRR 99.5 AL Birmingham, r	256	
2122 WFBZ 93.7 SC Greenville, wx	0747 WDJC 93.7 AL Birmingham, calls	256	
2136 WHPY 102.5 FL Sarasota, The Point	0756 KQID 93.1 LA Alexandria, 93-QID	487	
2152 WAMS 9.5 MS Oxford, ad	0759 WBHM 90.3 AL Birmingham	256	
2157 KOUJ 103.7 TX Sinton, ad for C.C.	0759 WMAO 90.9 MS Greenville, PRM	403	
2159 WXTI 107.5 MS Magee, Kicksie 107	0802 WQSB 105.1 AL Albertville, calls	284	
2206 WEEZ 97.1 LA New Orleans, Thanks	0810 WMLJ 96.5 AL Birmingham	256	
2209 WCKW 92.3 LA Laplace, Jeff	0825 WENN 107.7 AL Birmingham	256	
2213 WRNO 99.5 FL New Orleans, Kruska	0826 WDRN 102.1 AL Decatur, k	325	
2239 WQSB 105.1 AL Albertville, calls	0874 KKKZ 10.5 LA Ruston, local ment.	511	
2240 WENN 107.7 AL Birmingham, Win, s	2215 WDUV 103.3 FL Bradenton, EZ 103	232	
2249 KZFX 107.5 TX Lake Jackson, Z107	2224 WEEJ 100.1 FL Port Charlotte	276	
2330 to bed...	2226 WCTQ 92.1 FL Venice, calls, k	259	
Little did I know what was yet to come...			

So this is what DXing in Florida is like! So far, I like it! It certainly took awhile for any DX to develop (I arrived 8/10) but when a cold front pushed through at the end of August bringing us an all-time record low for August (58°-brilliant, hi!) it also cleared the air for some great DX! I noticed KKKZ by accident, just setting DX presets on my car radio. I had 3 stations in at the time, which I thought were just images of very nearby locals (98.9, 96.1). But when I heard the legal ID, I was shocked! And the DX just got better and better! 8:30 AM was amazing with all the Houston FM's coming in near full quieting at worst and KHMZ in stereo! Then it returned to the same area that night for awhile, then yielding somewhat to closer and more northerly signals. 8:31 AM was great, too, hearing lots of distant inland stuff like TN! I was (and still am) amazed at what a little cool air did for DX! I can't wait for fall DX to start up! So far school hasn't presented too many difficulties, except for having to leave early to find a parking spot (but I can DX when I get there, like I did 8/31 and still got KKKZ). However other students I work with tell horror stories of 70-hour weeks to work on a thesis. I can't wait... '73's Matt.

SOUTHERN FM DX IS FOR REPORTERS FROM: AL, AR, AZ, CA, CO, DE, FL, GA, HI, IL, IN, KY, LA, MD, MS, NC, NM, NV, OK, SC, TN, TX, UT, VA, WV, & WY.

NORTHERN FM-DX

For DXers in MA, NH, VT, CT, ME, RI, NY, PA, NJ, OH, MI, IN, IL, WI, MN, IA, NE, SD, ND, MT, WY, ID, WA, OR, AK, Canada

OCTOBER 1992 DEADLINE. The 5th LOG CUTOFF. 2 months from when mailed.

Well August and September have been much better for tropo. In the midwest, there were many tropo openings in August, out to 900 miles. On the 22nd to 23rd, there were good Atlantic coastal openings with rare inland paths to North Carolina. Tropo was also seen in September on the 4th, and the 13th, with some good distances reported. If you get any DX, why not share it with us!

BRUCE HALL - 5 STIRTON AVE - BRANTFORD, ONTARIO CANADA N3T 1E2

Equipment JVC JRS201 Receiver with three 110 khz filters, sleuth 205 amp, Probe 9 fed with RG6 at 50 feet AGL, crown rotor (Distances are in kilometres)

AUGUST 11 MS
0724 KMSR 94.3 MN Sank Centre, r, s, 24 after
max here on KMSR. 1200

13 Tr
0701 WRKZ 106.7 PA Hershey k Z107, "We
are the rapidly aging WRKZ" 436

26 Tr
0758 WPHD 94.7 PA Tioga, op "758 Lynryd
Skyndr KGB FM" WKBG 92.5 Susquehanna
morning show simulcasted until 10am 405

The hourly rate for the visual Perseid Meteor Shower in August VUD did not correspond to the FM enhanced signals. I taped using a VCR for 50 hours on August 11th, 12th, and 13th. Aug 11th would appear to be the peak for FM radio. I still have hours of VCR tape to transfer to AUDIO tape. I listen to this shower on my 1/2 hour drive to my new employer in Simcoe, Ontario. More to report later as I find new loggings. Locally CKGL 96.7 Kitchener has CRTC approval to switch to the AM dial. No dates announced yet. With country music being such a hot commodity now, I can't figure this switch out! Most disappointed with response to QSL's this season. I include SASE (40 cents US) and receive between 1 out of 4 to 1 out of 3. Most discouraging and costly considering 48c stamp to mail to USA. (My returns have been poor this year too, Bruce. Some years seem to be good some aren't. I think it just depends what stations you write who reads the mail there etc etc). Any suggestions for a better return on my investment? Hope to have another Probe 9 for phasing soon, so lets bring on the tropo! 73 dB

HARRY HAYES - 9 HENRY ST. - WILKES-BARRE, PENNSYLVANIA 18702 (EDT)

Equipment Wilkes-Barre: GE Superadio, modified with 110 khz filter, Jerrold 9 element antenna in attic with Radio Shack amp, and attenuator filter for locals. Thornhurst (12 air miles east of Wilkes-Barre in mountains): GE Superadio with Radio Shack FM rabbit ears. New underlined, distances in mi

AUGUST 1992
DX from Wilkes-Barre

8 Tr
0243 WKPQ 105.3 NY Hornell, ID, NESE net.
0248 WKFM 104.7 NY Fulton, strong, rr 145
From Thornhurst:

22 Tr
2300 WBXB 100.1 NC Edenton, v good at
times with black gospel, ID, "Love 100", mention
Aloksie on ID with Edenton 355

2327 WKTC 96.9 NC Goldsboro, fair with ads
and ID, c/w music 415

23 Tr
0000 WSCL 89.5 MD Salisbury, loud, ID 200

0002 WTEB 89.3 NC New Bern, "Listener
Supported Radio for East NC", counting as tent
since no ID heard (Harry, I was in that part
of NC and heard them, and that is the exact
slogan that they use gc)

0003 WKOC 93.7 NC Elizabeth City, rr, IDing
as 93.7 and 94.1, counting as tent as no ID hrd
(Again, that is the slogan they use gc)

0900 WPPW 89.3 DC Washington, gospel 190

2045 WKHI 99.9 MD Ocean City, strong
with rr "KHI" IDs 200

2049 WOCQ 103.9 MD Berlin, ads for Salisbury
and OC 104 ID, fair 200

AUGUST 23 Tr cont.
2100 WYFI 99.7 VA Norfolk, like a local at
times with ID on top of hour. Carried BBN pgm
For a second I thought I had a new local 305

2140 WDSY 107.9 PA Pittsburgh, c/w, ID 230

2156 WFEA 103.9 NY White Plains, IDs and
soft rr, coming up very strong and wiping
out WOCQ 100

2200 WLIP 89.3 NY Monroe, good signal
with religion, ID // WFBG 89.7 90

2210 WHOM 94.9 NH Mt Washington, showin
up with absolute local strength on just ears 300

2223 WAYV 95.1 NJ Atlantic City, heard
strong thru WZZQ 140

2239 WLOM 101.7 VA Franklin, fair with 6000
wait boost. Q102, satellite rr 320

2243 WBAZ 101.7 NY Southold, dabbling
WLQM, loud signal, satellite like IDs 160

2300 WVPW 88.9 WV Buckhannon, WV net
multiple ID. Could have been closer WVEP
Martinsburg, but showing in loc as this since
WVPW was previously logged and WVEP
was not. How's one to know in this case

2307 WALK 97.5 NY Patchogue, local like
with rr. I got tired so I quit

HARRY'S COMMENTS ON THE NEXT PAGE

HARRY HAYES REPORT continues.

Every year on this weekend out family has a get together in the Poconos, and every year I leave my radio at home, and every year it opens up to tropics. Well this year I took my radio, and fortunately Murphy's Law seems to have taken a vacation (except for the incident during this opening when tentative WTEB-NC faded right on the ID after sitting thru a half hour of Cuban music). This opening will not soon be forgotten. I am looking forward to hearing what others got (Harry, on Aug. 21 I was in K. Devil Hill, NC and in the PM had all your UHF's snowfree! Also had WKRR 98.5 and WMGS 92.9 from there, and tent. WCNY-24! Coming home on Aug. 22 in Hazleton I had WQHQ sounding like a local, and WSLT in strong. Then on the 23rd I had NC from here!-gc). Hurricane Andrew, despite being far away, must have had a hand in this. Best regards.

JOHN EBELING - 9209 VINCENT AVE. - BLOOMINGTON, MINNESOTA 55431

FROM BLOOMINGTON, MINN.

JULY 21 Es

1704 KQAY 92.7 NM Tucumcari, per Atlas
this one is 270 watts 866

AUGUST 1992 DX

8 Tr

1458 KWMG 93.5 NE Columbus 312

1509 KJJC 106.9 IA Osceola 264

2148 KTLB 105.9 IA Twin Lakes 182

2300 KZSD 102.5 SD Martin 434

2343 KSLQ 92.7 MO Savannah NL

9 Tr

0003 KRNE 91.5 NE Merriman 438

0020 KQSK 97.5 NE Chadron 504

0900 KRSL 91.3 MN Appleton 134

1001 KLAJ 93.9 IA Mason City 116

12 MS

0145 CKJK 107.3 AB Calgary 1053

0245 WVHR 100.9 TN Huntington 662

45 second burst 923

0645 WALX 100.9 AL Selma 923

12 Tr

2300 KHME 101.1 MN Winona, m, NEW 98

13 MS

0300 KSLT 107.3 SD Spearfish 519

0301 KXKR 107.3 MO Lexington 391

Was not very impressed with the Perseids this year. Perhaps it was more active in the August 8 to 11 time frame before I tried (Aug. 11 was pretty good here, after that I agree-not too good-gc). That's it for this reporting period. Will advise if & when any new stations are received.
Regards, John Ebeling.

ALAN R. MILLMAKER - 2714 LAKE ROAD - CENTRALIA, ILLINOIS 62801

JULY 1992 DX

7 Tr

0012 WNO 103.9 IL Flora

0100 WKXX 104.1 IL Jerseyville

0127 WRV 96.7 IL Varden

0154 KCMQ 96.7 MO Columbia

0202 KLOZ 92.7 MO E don 293

0301 WJLY 95.3 IL Ramsey

0536 WSM: 106.1 IL Litchfield

0600 KBDZ 93.1 MO Perryville B 93 1

18 Tr

0103 WRBT 94.9 IL Mount Carmel

0332 WFMG 96.7 IL Vincennes

0459 WDQZ 95.1 IL Decatur

0653 WCBH 104.3 IL Casey

0930 WKRB 107.1 IL Vandalia

1005 KYYS 102.1 MO Kansas City

19 Tr

0056 KCGQ 99.3 MO Cape Girardeau

FROM PROSIT, MINNESOTA

JULY 1992 DX

7 Es

0927 KDRK 93.7 WA Spokane 1161

0939 KBMG 95.9 MT Hamilton 1023

0940 KEWU 89.5 WA Cheney 1171

0947 KDXT 93.3 MT Missoula, XT93 1010

1025 KQEM 99.3 OR Hermiston 1273

1028 KCLK 94.1 WA Clarkston, k 1158

1240 KBOZ 93.7 MT Bozeman 883

1246 KZLN 96.3 MT Shelby 899

2015 KZMG 93.1 ID New Plymouth 1191

2212 KKOB 93.3 NM Albuquerque 1102

2217 KRST 92.3 NM Albuquerque 1102

2218 KKOR 94.5 NM Gallup, Core FM 1152

2229 KRZA 88.7 CO Alamosa 945

8 Tr

0830 K208BQ 89.5 MN Brainerd (KAXE) 87

24 Tr

0800 WELY 92.1 MN Ely NL

101-FM
Vancouver's Best Rock

ALAN MILLMAKER'S REPORT continues

JULY 1992 DX

0059 WCBQ 107.9 KY Hopk nsvile

0119 WYMG 100.5 IL Jacksonville

0222 WBKR 92.5 KY Owensboro

0307 WSEI 92.9 IL Olney

0402 KJBR 101.9 AR Jonesboro

2100 KRYX 104.7 MO Chaffee

2259 WGLM 106.7 IN Lafayette

2339 WMR 106.9 IN Marion

24 Tr

0309 WAJC 104.5 IN Indianapolis

0339 WAZY 96.5 IN Lafayette

0501 WHRZ 97.7 KY Providence

0616 WJAC 105.9 TN Nashville

1531 WSWT 106.9 IL Peoria

1606 WTAZ 102.3 IL Morton

2326 WKY 104.1 IN Evansville

25 Tr

0101 KBKB 101.7 IA Fort Madison

0130 WMC 101.3 IL Mattoon

0613 WKZW 93.3 IL Peoria

27 Tr

0531 KJFM 102.1 MO Louisiana STN # 200

1732 WCZQ 105.5 IL Monticello

1801 WVVH 105.5 IN Terre Haute

1831 WJVO 105.5 IL South Jacksonville

28 Tr

0405 WWCT 105.7 IL Peoria

0433 WNOI 103.9 IL Flora

30 Tr

0555 WMC 99.7 TN Memphis

0615 WGGX 105.9 TN Memphis

0618 WRVR 104.5 TN Memphis

0628 WZXR 102.7 TN Memphis

31 Tr

0123 KFIN 107.9 AR Jonesboro

0506 WHRK 97.1 TN Memphis

WTEB 89.3 FM

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BOB SMOLAREK - 31 MARK DRIVE - HIGH BRIDGE, NEW JERSEY 08829

Equipment: Mc Intosh MR78 Carver TX 11 Stereo Probe 9

DX at old location.

JUNE 1992 DX

10 Tr

2000 WJIN 105.9 DE Lewes k new stn

2152 WMYJ 106.5 MD Pocomoke City new

13 Es

1936 WOLM 92.9 FL Punta Gorda rm

1938 WOLZ 95.3 FL Ft. Myers o

1958 WQZN 98.7 FL Key West, rp

1959 WQUF 92.7 FL Marco, b

2006 WRTQ 98.3 FL Goulds, Spanish

2016 KZOC 92.9 KS Osage City k

2022 KCMO 94.9 MO Kansas City o

2025 KHLN 95.7 KS Ottawa o

2046 WGVL 93.7 FL Vero Beach b

2048 WKRY 93.5 FL Key West jazz show

2055 WNGS 92.1 FL W Palm Beach jazz

2100 WGMX 94.3 FL Marathon r

2131 WOYS 100.9 FL Apalachicola rm

17 Tr + Es

0627 WPOS 88.7 VA Chesapeake c

0648 WHRO 90.3 VA Norfolk, c

0649 WYFJ 100.1 VA Ashland g

0650 WCVF 88.9 VA Richmond c

1820 KNID 96.9 OK Enid, k

1823 KSPI 93.7 OK Stillwater, k

Hello Danny

1826 KRAV 96.5 OK Tulsa r

1828 KKLS 99.7 OK Alva r

1830 KOSU 91.7 OK Stillwater NPR

1833 KVOO 98.5 OK Tulsa, k

1834 KYIS 98.9 OK Oklahoma City

r Kiss FM 99

1846 KEXI 92.1 TX Marlow k

1852 KNIN 92.9 TX Wichita Falls r

1858 KETR 88.9 TX Commerce, r

2240 WPTG 107.9 VA West Point, rm

2321 WSBY 98.9 MD Salisbury, o

JULY 1992 DX

3 Tr

0010 WKOC 93.7 NC Elizabeth City, rp

0800 WOTJ 90.7 NC Morehead City g

0900 WILF 107.3 NC Atlantic, talk, #1000

heard, Gred, you predicted it would be a

good one! (Congratulations Bob! Yeah

that is a good one they do not seem

to get out well at all-gc)

0938 WNHV 92.5 NC Nags Head, k

0945 WIKS 101.9 NC New Bern s

0955 WSFL 106.5 NC New Bern, rp

0957 WDLX 93.3 NC Washington, r

11 Tr

1140 WZBG 97.3 CT Litchfield r

From new home 8 miles to the west of old

location, 580 feet high, facing west

blockage to the east



As you can see there were a couple of great tropo days at the end of August. Strange to hear WZNS and WRFX twice in one year!

July 28 Tr

2050 WBBR 91.7 PA Telford, g

2100 WBYO 88.9 PA Sellersville

simulcasts WRDV 89.3

2128 W242AT 97.7 PA Reading jazz, WRTI

translator

2200 WQCM 96.7 MD Halfway, rp

29 CW

1800 W289AA 105.7 NJ Lebanon Twp c

local translator of WWFM 89.1 kills

the frequency

AUGUST 1992 DX

22 Tr

2300 CKGL 96.7 ON Kitchener Blue Jays

play by play heard // CHML 900 AM

2340 WFTR 95.3 VA Fort Royal talknet

with Harvey Reuben

2345 WKIC 96.9 NC Golsboro, KT country

23 Tr

0119 WDCK 96.5 VA Williamsburg

o. the Duck

0835 WZZU 93.9 NC Burlington, op

0845 WPVR 94.9 VA Roanoke, rm, very

good signal!

0847 WSLO 99.1 VA Roanoke, r, Q99

0853 WXLK 92.3 VA Roanoke, r, K92

0900 (WQMR) 107.1 MD Federalburg

0946 WYTE 89.1 VA Roanoke, c

0949 WMOX 93.1 NC Winston Salem, o

0954 (WBT) 107.9 NC Charlotte new mode

0956 WSFL 106.5 NC New Bern, rp

1010 WZNS 92.9 SC Dillon, rp

1017 WRFX 99.7 NC Kannapolis, rp

1050 WKSI 98.7 NC Greensboro, r

1200 WKYE 95.5 PA Johnstown, over

WPLJ & WPGC, r

2035 WYSN 101.7 PA Central City m

2058 WTNJ 105.9 WV Mount Hope g

2101 WOEL 89.9 MD Elkton g

2102 WROG 102.9 MD Cumberland k

2112 WKGQ 106.1 MD Cumberland r

Go106

2117 WHA 104.5 WV Bluefield, r, J104

2138 WYOD 99.1 NC Manteo, j

2158 WOMU 103.1 PA Indiana

2258 WCUL 103.1 VA Culpeper k

2300 WRVS 89.9 NC Elizabeth City-ex90.7

24 Tr

0640 WKWI 101.7 VA Kilmarnock

0641 WTVR 98.1 VA Richmond, b

0643 WRVO 94.5 VA Richmond, r

over WCHR

0645 WKOD 94.1 VA Yorktown, rp

0650 WPLZ 99.3 VA Petersburg, s

0657 WDYL 92.1 VA Chester, g

2000 WJFK 106.7 VA Manassas rp

2015 WGAY 99.5 DC Washington, rm

27 Tr

2100 WLSS 102.5 VA Winchester, k

WRFX off the air

NORTHERN FM DX

OCTOBER 1992

DAVE NIEMAN-12284 NICE ROAD-AKRON, NEW YORK 14001-9529

Equipment: Carver TX 11 tuner IF filter mod. Channon Master Stereo Probe 8 at 36 feet on crankup tower, Channel Master 3617B VHF at 23 feet into phase box. Antenna HO-73 rotor and RG 11 coax

New loggings are underlined

New call (K K K K)

New propagation mode WWWWW

JULY 1992 DX

29 Tr

1432 WKKY 104.9 OH Geneva, call k\$ 147

WOOD moved

31 Ma. forscatter

0900 WYFI 99.7 VA Norfolk, call, \$ 452

prev. aurore

AUGUST 1992 DX

21 Tr

1209 WPDZ 104.9 WV Carksburg, call k\$ 271

23 Tr

2358 WCMC 100.5 VA Norfolk, ID, k\$ 452



miss to the super tropo on 8/23 at home but caught it in southern New York Dave

DAVE NIEMAN HO STA GEH ROAD-ROCK CITY, NEW YORK

Equipment: Carver TX 11 tuner IF filter mod. Antennacraft FM 10 at 20 feet, RG 6 coax and

Rotator

New loggings are underlined

New call (K K K K)

New propagation mode WWWWW

AUGUST 1992 DX

29 Tr

100 WNCB 103.3 NY Oswego, call k\$ 147

100 WNCB 103.3 PA Lancaster, ID, call k\$ 147

100 WNCB 103.3 VA Norfolk, call k\$ 147

100 WNCB 103.3 VA Norfolk, call k\$ 147

100 WNCB 103.3 VA Norfolk, call k\$ 147

100 WNCB 103.3 VA Norfolk, call k\$ 147

100 WNCB 103.3 VA Norfolk, call k\$ 147

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100 WNCB 103.3 VA Norfolk, call k\$ 147

BRUCE ELYING - P.O. BOX 396 - ESKO, MINNESOTA 55733-0396

Here is my DX in the last two months: WRWA *88.7 Dothan AL, stereo, 6-13 ES: KEOM *88.5 Mesquite TX, 6-14; KJAK 92.7 Slaton TX, 6-16, plus a bunch reheard, including KUHF Houston now on *88.7 instead of 91.3 where I first heard it in 1951. WWIS-FM 99.7 Black River Falls WI was the first new station received, 6-30, after installing a new antenna on a tower at 13 meters, and recent tropo brought in WLLT 107.7 Polo IL 8-9-92. That morning I also reheard WTHI-FM 99.9 Terre Haute IN and WJVL 99.9 Janesville WI, coming through nearby WCDK 99.9 Virginia MN, without the benefit of phasing. Also got KEZT (formerly heard as KLFM) 104.1 Ames IA, smashing through nearby KJJO-FM 104.1 St. Louis Park MN, again with no phasing with no phasing in use. I question some of the reports in the August VUD attributing so much of the DX to phasing. If conditions are favorable, much of that DX would have come through anyway! DXers seem to forget that good old tropo has an amazing propensity to smash through strong nearby (even local) stations when conditions are right. We should be cautious about claiming for phasing DX which might have been received without the technique. Try testing nonphased reception of a DX station versus phased reception by disconnecting the main antenna lead from the phase box and plugging it directly into the receiver. This should be possible on a well-designed system, but not always feasible during a frenzied DX session when you have to keep track of several frequencies at once.

73ily, Bruce

STATION NEWS: 93.3 Killdeer Austin has changed calls to KMXX—it has had the "Mix 93.3" slogan for awhile now. Howard Stern's morning show now is also simulcast on KEGF in Dallas, and WNCX in Cleveland. In Los Angeles KXEL 98.7 is now upbeat a/c, "Star". 106.9 Conroe-Houston is going to pick up the "2 Rock" format and ask for the call KRZR. In Kansas City KBEQ 104.3 is dropping its modern rock at night programming.

NORTHERN FM DX

OCTOBER 1992

RALPH STROSEL - 106 E. DAVISON, JEFFERSON, MISSOURI, 64104

Equipment: McIntosh MR-78 FM Tuner with two CM Stereo Probe 9 antennas and rotors at 38 and 36 feet above ground with Bolin phase box. *Made possible w/ use of box.

July 1992

21 tr 1635 KWB 91.1 CO Morrison, g# 1047
1747 KCWC 88.1 WY Riverton, wx # 1204

26 tr

0552 KOSI 101.1 CO Denver 1040
28 tr 0200 WEZV 95.3 IN Brookston- 85
(See note #1) Lafayette, ms

August 1992

2 tr 0000 WRR 101.1 TX Dallas-Fort Worth 815
8 tr 2205 KTSB 93.9 IA Sioux Center, ad# 592
(o/WLIT 93.9 IL Chicago) 1652300 KPLG 94.5 SD Reliance- 778
Chamberlain-Pierre-Winner, K8
(o/WLRW 94.5 IL Champaign) 1519 tr 0025 KIAI 93.9 IA Mason City, K8, 453
(o/WLIT 93.9 IL Chicago) "93.9-KIA" 1650100 KJUG 88.5 MO Kansas City, wx # 495
Previous MS 580300 KLOL 101.1 MN Luverne- 606
Worthington, "K-101," K8,
(o/WKQX 101.1 IL Chicago) Previous MS0431 KISD 98.7 MN Pipestone, r# 619
(o/WFMT 98.7 IL Chicago) Prev. Es 1650500 KESD 98.3 SD Brookings, c# 650
(o/WLAS 98.3 IN Fort Wayne) 620527 KTRP 91.1 IA Fort Dodge, j# 483
Previous Es 5180600 KNOW 91.1 MN Mpls-St Paul, t 518
0700 KVAL 89.3 MN Northfield, wx # 494
(o/WVXR 89.3 OH New Paris) 3911 tr 0549 KCRB 88.5 IA Bemidji-Grand Rapids 902
0727 KCRB 88.5 IA Bemidji-Grand Rapids 902
0727 KCRB 88.5 IA Bemidji-Grand Rapids 90212 tr 0000 WJSD 88.5 KY Pikeville, g# 238
(See note #2) new frequency?16 tr 0200 WBLZ 106.7 IN Mount Vernon- 206
"W-106.7" Evansville, r#
(All times are CD* here in the paper)16 tr 0200 WBLZ 106.7 IN Mount Vernon- 206
"W-106.7" Evansville, r#
(All times are CD* here in the paper)16 tr 0200 WBLZ 106.7 IN Mount Vernon- 206
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"W-106.7" Evansville, r#
(All times are CD* here in the paper)16 tr 0200 WBLZ 106.7 IN Mount Vernon- 206
"W-106.7" Evansville, r#
(All times are CD* here in the paper)

Equipment: Delco Modified AM/FM Digital radio. Superadio modified. Two Radio Shack 6 element FM only antennas - two separate rotors. In phase box and other items, splitters, attenuators.

1x 2.1992 Tropo

2300 WDC 93.7 NC Elizabeth City 336
Norfolk FM's

July 3 1992 Super Tropo

0113 WNC 107.9 NC Greenville 420
0123 WDC 93.3 NC Washington PH/O WMR @ 82 m 401
0125 WDC 94.1 VA Yorktown PH/O WSP @ 82 m 282

// to WDC Eliz City

0149 WDC 105.5 MD Pocomoke City PH/O WMR @ 174 203
55 WDC 107.7 ?? 4480151 WDC 103.3 NC Newport weak!! 448
0153 WDC 94.5 NC New Bern 4290155 WDC 94.5 NC Nags Head PH/O WMTU @ 82 m 349
0157 WDC 105.7 NC Columbia 3620159 WDC 95.3 NC Manassas 357
0161 WDC 100.1 NC Edenton PH/O WJRZ @ 82 m SB 360
0163 WDC 92.1 NC Myrick PH/O WLT @ 82 m SB 320

to 96.1 Cape Charles VA

0165 WDC printing meter also WDC j# 30
0167 WDC 90.3 VA Norfolk PH/O mar 300169 WDC 88.9 MS Senatobia 966
0171 WDC 93.7 LA Shreveport 12320173 WDC 1992 GM New Station on the air
0175 WDC 97.3 CT Litchfield very weak here 75

0177 WDC 88.9 MS Bude 1137

0179 WDC 92.9 NE Beatrice "The eagle" 1187
0181 WDC 94.1 KS Kansas City 10930183 WDC 92.7 MO Savannah (took out WDR 1) 68
0185 WDC 94.5 KS Manhattan local 11930187 WDC 90.1 MO Kansas City "A1" proceeds go to 1090
to Approx. fadeouts-----0189 WDC 92.9 NE Beatrice "The eagle" 1187
0191 WDC 94.1 KS Kansas City 10930193 WDC 92.7 MO Savannah (took out WDR 1) 68
0195 WDC 94.5 KS Manhattan local 11930197 WDC 90.1 MO Kansas City "A1" proceeds go to 1090
to Approx. fadeouts-----0199 WDC 92.9 NE Beatrice "The eagle" 1187
0201 WDC 94.1 KS Kansas City 10930203 WDC 92.7 MO Savannah (took out WDR 1) 68
0205 WDC 94.5 KS Manhattan local 11930207 WDC 90.1 MO Kansas City "A1" proceeds go to 1090
to Approx. fadeouts-----0209 WDC 92.9 NE Beatrice "The eagle" 1187
0211 WDC 94.1 KS Kansas City 10930213 WDC 92.7 MO Savannah (took out WDR 1) 68
0215 WDC 94.5 KS Manhattan local 11930217 WDC 90.1 MO Kansas City "A1" proceeds go to 1090
to Approx. fadeouts-----0219 WDC 92.9 NE Beatrice "The eagle" 1187
0221 WDC 94.1 KS Kansas City 10930223 WDC 92.7 MO Savannah (took out WDR 1) 68
0225 WDC 94.5 KS Manhattan local 11930227 WDC 90.1 MO Kansas City "A1" proceeds go to 1090
to Approx. fadeouts-----0229 WDC 92.9 NE Beatrice "The eagle" 1187
0231 WDC 94.1 KS Kansas City 10930233 WDC 92.7 MO Savannah (took out WDR 1) 68
0235 WDC 94.5 KS Manhattan local 11930237 WDC 90.1 MO Kansas City "A1" proceeds go to 1090
to Approx. fadeouts-----0239 WDC 92.9 NE Beatrice "The eagle" 1187
0241 WDC 94.1 KS Kansas City 10930243 WDC 92.7 MO Savannah (took out WDR 1) 68
0245 WDC 94.5 KS Manhattan local 1193

KNIFE EDGE REFRACTION

FRANK ADEN, JR., N7SUK

Over the mountain UHF DX is possible with the right conditions!

Most experienced TV and FM DXers are familiar with most of the common forms of DX propagation, Sporadic E-skip (Es), Tropospheric (trops), Meteor Skip (MS), Aurora Skip (AU) and even the rare F-2.

Another form of TV DX exists that many veteran TV DXers have never seen. That elusive propagation is KNIFE EDGE REFRACTION. KNIFE EDGE REFRACTION (KER) (also known as MOUNTAIN BENDING) can make UHF reception possible on the opposite side of high peaks or mountain ranges even when they exceed altitudes of 14,000 ft!

The theory behind KER is when a mountain peak or range is approximately mid way between a UHF station and a receiver the signal may be bent or refracted by the mountain, making reception possible.

Because few DXers have been (not always easily accessible) where this form of DX happens it has been rarely reported. When DXers have been at these sparse locations some of the most incredible and spectacular DX ever has been seen!

Just because a mountain exists between a receiver and a UHF station can KER be expected to be found. The altitude of both the transmitter and receiver must be taken into consideration. The power of the transmitter must be high enough that the distance to the mountain is not too far so as there is not a strong signal at the base. If not, there will be no signal to be refracted.

Since many UHF signals can be seen at 100 to 150 miles (depending on power and antenna height) it can be possible to see transmissions extended by KER up to and possibly more than 300 miles. The area where the reception occurs could be called a "window". It is limited to a small zone approximately equal in distance from the mountain as the station is from the mountain.

The mountain does not necessarily have to be at the halfway point for KER to occur. If the transmitter is at a lower elevation than the receiver then the reception area will probably be closer to the mountain than the transmitter. If the receiver is at a higher elevation than the opposite will happen.

The shape of the area of reception may resemble a half moon or crescent moon but only in "perfect" situations.

A UHF signal is intersected by a mountain range and the refracted signal appears on the other side. In actual KER situations the size and shape of the "window" will be different since the size of the peak, shape of the peak and elevation of both transmitter and receiver will have a major effect on the formation of the KER signal.

UHF DX reception in the 300 mile range is not a major distance when compared to the other forms of UHF DX propagation but considering the signals are being heard over a mountain range it has to be rated definitely unique.

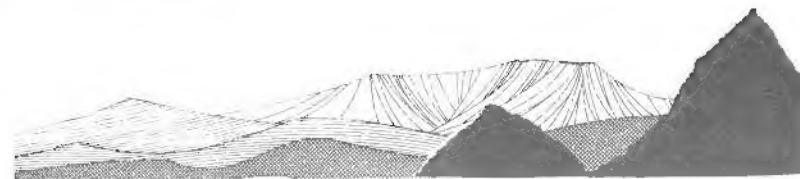
I have found mountain ranges with sharp peaks & less than 200 miles across to be the best for KER. Where parallel mountain ranges exist the effect is usually destroyed except for within valleys existing between them.

I first started TV-FM DXing 22 years ago in southern Idaho and for the first three years I was only familiar with the more well known forms of UHF DX. When I moved to Bend in central Oregon, (just a few miles from the Cascade Range) I discovered KER for the first time. My first DX location in Bend was on the east side and I could see Mt. Hood, 11239 ft (100 miles distant) and Mt. Jefferson, 10495 ft (75 miles distant) from my roof top. To my surprise I found reception of KOMO ch. 4, Seattle WA (290 miles distant) to be regular yet Mt. Hood was directly in line between Bend and Seattle. I was also surprised to find reception of the other Seattle-Tacoma stations to be rare.

Bend's elevation of 3700 ft compared to KOMO's elevation of approximately 1000 ft. could explain why I was able to receive the station when I was almost 100 miles closer to Mt. Hood.

The most dramatic KER reception I encountered also occurred in

KNIFE EDGE REFRACTION



central Oregon. On a return bus trip from British Columbia I had a small battery powered TV. About 20 miles from Madras, Oregon on US HWY 26 I suddenly began receiving local signal strength reception of both KEZI ch. 8 and KVAL ch. 13, from Eugene Oregon (about 100 miles distant). Looking on the map I noticed that Mt. Jefferson (25 miles distant) was directly between me and Eugene! For about 15 miles the signals remained constant but once I was out of Mt. Jefferson's shadow, the signals disappeared. It is interesting to note my elevation at the time was around 4000 ft where as the Eugene stations are less than 2000 ft.

DXer & KBQI CE, Bill Frahm and I have both noticed many times while traveling from Boise, Idaho to Eugene, Oregon it is possible to listen to Eugene & other Willamette Valley FM stations (over the Cascades) for several miles between Burns, Oregon and Bend, Oregon but as we became closer to the mountains the signals begin to fade out. Just recently Bill Frahm and I passed through the area (on return from the Seaside ARRL Convention) and found central/Southern Willamette Valley FM stations audible from 60 to 90 miles east of Bend.

It would be interesting to see if KER is possible over the Ozarks or Appalachians and if UHF is effected. I suspect if there are any KER UHF reception areas they may be extremely hard to find. They would probably be very small due to the tighter UHF signal angles.

As a member of the WORLDWIDE TV-FM DX ASSOCIATION I have discussed some of my KER experiences with other members at several of its conventions. I found very few TV-FM DXers have given KER much thought. I would be interested in hearing from anyone who has seen KER DX.

On a final note, I believe KER could explain the reason for several unique UHF DX openings that have been reported.

One such reception happened in either 1961 or 1962. One evening while watching KTUB ch. 7 in Boise the station broke into network programming announcing several people had called in to report they were receiving a station on normally vacant ch. 8. I changed the set to ch. 8 & found a unidentified weak station coming in. Since my parents wanted to continue to watch their program I was not able to watch the station but I did do a band check before returning to KTUB and found no other unidentified stations. A short time later KTUB made an announcement they had tentatively identified the station as KULR in Billings MT (500 miles distant). At the time I was too young to know anything about propagation but when I started TV-DXing in 1970, I kept thinking back to the time of this strange reception. No normal form of DX could explain how reception of KULR could happen in Boise, Ch. 8 is rarely effected by E-skip and if it had been occurring at the time ch. 3-6 would have been filled with DX. Trops is not known to make it over major mountain ranges at that distance but if it was, again other distant stations should have been seen.

I believe the reception (if it really was KULR) to have been the result of a combination of KER and Trops. It is possible KULR has/had a small reception area in the eastern portion of the Snake River Plain (north of Idaho Falls) where KER reception occurs. If a tropo front was passing thru the area, the KER signal could have been picked up and carried down the valley into Boise.



VHF/UHF UTILITY DX WEATHER - AIR - MARINE - PSB

BILL HEPBURN - 35 LOCKWOOD RD - BRAMPTON ON - L6Y 4T7



It's the same .. but it's different!

The "NWS News" column has been mutated and transformed into "VHF/UHF Utility DX" .. to encompass a wider spectrum of possible DX on the PSB bands between 30 MHz and 1300 MHz.

Matt Sittel, who did a great job as 'founder' and editor of the NWS News column since 1986, passed over the reigns of the column while on a recent visit to Ontario.

Keeping in the general spirit of the QUD and WTFDA .. this column will remain essentially a DX column. (i.e. - DX as in 'long-distance reception'). However there will be tidbits, hints & station updates from time to time.

Now opening up the entire PSB spectrum for DX reports could amount to hundreds, even zillions of loggings.. Therefore I would propose the following guidelines as to what to report.

1) PSB 'BROADCAST' STATIONS -- i.e. - continue to report all loggings of '1-way' broadcast stations in the Weather, Air and Marine bands.

2) PSB via SKIP -- Yes, BN (yr ETVDX editor), send your reports here! Base stations only -- no mobiles. Also no amateur stations (although 6-metre propagation beacons or repeaters are OK).

3) PSB via TROPO -- Again, base stations only -- no planes, trains or automobiles! (Remember, jets @ 30,000' are supposed to be able to get out for 250-300 miles!). Please try to limit your reports to 75-100 miles or more (otherwise that word 'zillions' may pop up again).

4) Send in YOUR loggings today!

Now these are just general guidelines .. any & all comments will be appreciated!

LOGGINGS

Well .. right now I only have my own. Matt will be forwarding any remaining reports he has soon .. so on to the DX!

WILLIAM R. HEPBURN - 35 LOCKWOOD RD - BRAMPTON ON - L6Y 4T7

JUNE 1992

14 IR 0749	XLN-470	162.475	ON LONDON	85	WRC
15 IR 0309	VBG-4	161.65	ON Orillia	87	CMB 'Toronto CG Radio'
(now w/separate bcst from VBG-2 Fonthill & VBG-3 Cobourg)					
16 IR 2208	YSQ	117.35	ON LAKE SIMCOE	50	VOR
2216	IXE	110.7	ON WATERLOO-GUELPH	34	ILS
2243	YWI	115.0	ON WATERLOO	34	VOR
18 ES 2329	I-ELD	111.1	AR EL DORADO	1007	ILS
2330	EME	111.2	LA ELM GROVE	1079	VOR/HIWS
(w/Ft Worth wx warning bcst)					
2332	SHV	117.4	LA SHREVEPORT	1068	VOR
2344	SYQ	115.2	OK SAYRE	1200	VOR
2349	CDS	117.6	TX CHILDRESS	1269	VOR/HIWS
(w/Ft Worth HIWS)					
2352	PRX	113.6	TX PARIS	1094	VOR
2355	BUJ	114.9	TX BLUE RIDGE	1145	VOR/HIWS
(w/Ft Worth HIWS)					

This month's feature

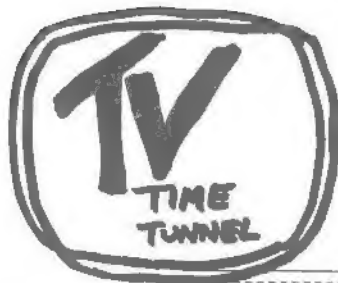
VHF/UHF UTILITY DX

UNITED STATES COAST GUARD MARINE INFORMATION BROADCAST STATIONS 157.1 MHz - MARITIME CHANNEL 22

The USCG maintains an extensive network of radio stations broadcasting weather, notices to shipping, and/or hydrographic data to public, commercial & government marine interests. These stations are sub-divided into "Groups" .. with each group simultaneously broadcasting from one central location through a network of repeaters. (Unfortunately, all of these repeaters operate on the same frequency - 157.1 MHz - so it is difficult to know the exact location of the station you're receiving. NCG Sault Ste Marie MI can easily be received in Duluth MN -- from a repeater in Duluth. NML-7 Memphis TN in Poteau OK, etc.

Rather than list all the individual repeaters..here I've listed the "Groups" and their broadcast times (in the 48 states only). Give them a try! Remember all broadcasts are on 157.1 MHz.

NMW-43	SEATTLE WA	-- 0630 1830Z
NOW	PORT ANGELES WA	-- 0615 1815Z
NMW	ASTORIA OR	-- 0533 1733Z
NMW-44	PORTLAND OR	-- 1745Z
NOE	NORTH BEND OR	-- 0603 1803Z
NMC-11	HUMBOLDT BAY CA	-- 1615 2315Z
NMC-17	SAN FRANCISCO CA	-- 1630 1900 2330Z
NMC-6	MONTEREY CA	-- 1615 2345Z
NHQ-8	CHANNEL ISLANDS CA	-- 0200 1800Z
NOR	SAN DIEGO CA	-- 0100 1700Z
NOG	SAULT STE MARIE MI	-- 0005 1205Z
NMP-9	MILWAUKEE WI	-- 0255 1455Z
NMD-32	GRAND HAVEN MI	-- 0235 1435Z
NMD-25	DETROIT MI	-- 0135 1335Z
NMD-47	BUFFALO NY	-- 0255 1455Z
NML-21	UPPER MISSISSIPPI RIVER (KEOKUK IA)	-- 0115 1130 1330 1530 1715 2130Z
NML-7	LOWER MISSISSIPPI RIVER (MEMPHIS TN)	-- 0310 1110 1910Z
NML-6	OHIO RIVER (OWENSBORO KY)	-- 0900 1000 1245 2100Z
NML-5	TENNESSEE RIVER (BUCHANAN TN)	-- 0435 1150 1215 2035Z
NOY-5	CORPUS CHRISTI TX	-- 1100 1700 2300Z
NOY	GALVESTON TX	-- 1050 1250 1650 2250Z
NMG-2	NEW ORLEANS LA	-- 1050 1650 2250Z
NMG-15	GRAND ISLE LA	-- 1035 1635 2235Z
NOQ	MOBILE AL	-- 1020 1220 1620 2220Z
NMA-21	ST PETERSBURG FL	-- 1300 2300Z
NOK	KEY WEST FL	-- 1200 2200Z
NCF	MIAMI BEACH FL	-- 1230 2230Z
NMA-10	MAYPORT FL	-- 1215 2215Z
NMB	CHARLESTON SC	-- 1200 2200Z
NMN-37	FORT MACON NC	-- 0130 1030Z
NMN-13	CAPE HATTERAS NC	-- 0100 1055Z
NMN-80	HAMPTON ROADS VA	-- 0230 1120Z
NMX	BALTIMORE MD	-- 0130 1205Z
NMN-70	EASTERN SHORE (CHINCOTEAGUE VA)	-- 0200 1145Z
NMK	CAPE MAY NJ	-- 1103 2303Z
NMY-52	SANDY HOOK NJ	-- 1020 2220Z
NMY-3	GOVERNOR'S ISLAND (NEW YORK NY)	-- 1050 2250Z
NMY-42	MORICHES NY	-- 0010 1210Z
NMY-15	LONG ISLAND SOUND (NEW HAVEN CT)	-- 1120 2320Z
NMF-2	WOODS HOLE MA	-- 1005 2205Z
NMF-7	BOSTON MA	-- 1035 2235Z
NMF-31	PORTLAND ME	-- 1105 2305Z
NMF-44	SOUTHWEST HARBOR ME	-- 1135 2335Z



This is the
Crosley Broadcasting Corporation
a division of **Avco**

Submitted by Tom Bryant
349 Todd Preiss Dr.
Nashville, TN 37221

CROSLEY/AVCO--TELEVISION OPERATIONS

EXPERIMENTAL - pre-war: Under the guidance of Powell Crosley, Jr. (see last month's VUD) WLW's venture into television began in 1937 with the call letters W8XCT. The first experimental presentation was made via closed circuit in 1939, and another in 1941...the same year that W8XCT was licensed to operate on channel 1. (NOTE: Crosley then suspended all television experimentation for the duration of World War II.)

EXPERIMENTAL - post-war: Over-the-air experimentation began in 1946 with transmission periods increasing from an hour a week to over 20 hours a week by the time it was granted a commercial license.

COMMERCIAL DEBUT: February 2, 1948 marked the first use of the WLWT call letters when the Wiedemann Brewing company sponsored a Golden Gloves boxing match. The next day the W8XCT call re-appeared and the station again became an experimental service until February 9, 1948 when it began full-time commercial operation on channel 4 as WLWT. Apparently there was some question as to whether W8XCT could air commercials; and additional question as to whether WLWT was officially authorized to start up before the 9th. The legality of these call letter gymnastics is questionable, but no one seemed to complain.

THE OFFSPRING: It's clear that Crosley/Avco was fully committed to a regional television operation at a very early date. That fact is evidenced by the March 18, 1949 sign-on of WLWD in Dayton, OH (then channel 5); the April 3, 1949 startup of WLWC in Columbus, OH (then channel 3); and later stations in Atlanta and Indianapolis.

CHANNEL SWAPS: The first three stations (WLWT, WLWD and WLWC) were 'pre-freeze' license grants. Sometime between 1949 and 1952 a massive re-assignment of channels was instituted by the FCC; and all three of the Crosley/Avco operations wound up on different channels. Although the exact dates of the changes are not known, WLWT moved from 4 to 5; WLWD dropped from 5 down to 2; and WLWC eased from 3 up to 4.

SOUTHERN EXPOSURE: In 1953 the Crosley/Avco group purchased WLTV, channel 11, Atlanta from Broadcasting [Magazine] Inc. It's interesting to note that Broadcasting had acquired the facility from WSB-TV in 1950; and even more interesting to note that WSB-TV had originally been licensed to operate on channel 8. Under Crosley/Avco ownership the station became WLWA and remained a part of the group until 1962. Also of interest...channel 11 has operated as WQXI-TV, WAII-TV, and now WXIA-TV. That's a total of six different sets of call letters!

WHY ATLANTA? Good question. Little is known about Crosley/Avco's reason for acquiring the GA station. It didn't fit the profile of their existing group, and it was never interconnected with the Ohio stations (which were tied together from the start). An educated guess points to a major market VHF up for grabs at a decent price...but...one that turned out to be a 'square peg in a round hole' and was kept only until it commanded a handsome sale price (twice the purchase price) in 1962.

[continued...next page...]

[TV TIME TUNNEL - Crosley/Avco - continued...]

BASTARD STEPCHILD? One would think that the corporate gurus in Cincinnati wanted to hide the Atlanta operation from the public eye. In several promotional pieces issued by Crosley/Avco in the mid 1950s there is no mention of WLWA. The channel 11 call does show up on letterhead, however seems to disappear again after the inauguration of WLVI.

INDY INVASION: October 30, 1957 marked the launch of Crosley/Avco's Fifth (and last) television property, channel 13, WLVI in Indianapolis. WLVI, like the Ohio stations, was built from scratch; and was interconnected by terrestrial microwave links with its sister stations in the Buckeye State. Although WLWT was the key station, the other three originated their own programming and programs were routinely swapped between all stations in the group. The channel 13 operation (springboard from then-weatherman David Letterman) was sold in 1975.

FOR SALE! Although the Indy station was the first to go (excluding Atlanta), Avco [Crosley had been dropped by this time] decided to get out of the business of tv ownership. The other stations were sold within months...Columbus in December 1975; the 'Mother Ship' - WLWT in January 1976; and Dayton in April 1976. Not even the 'Crown Jewel'... WLW radio survived the corporate broadcast purge. Powell Crosley Jr.'s dream had passed through a reality of fame, power and superpower; and was in the hands of new owners in March of 1976. The Crosley/Avco chapter in broadcasting (actually it was more like a book than a chapter) was closed.

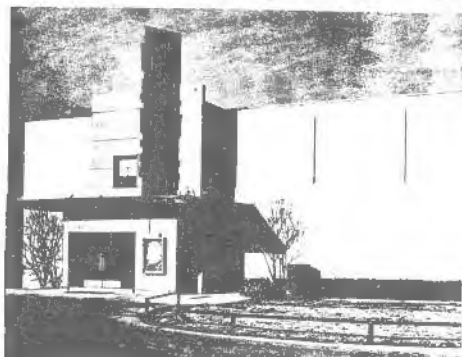
ABOUT THE CALL LETTERS: Although the FCC assigned what appeared to be standard four-letter calls for the Crosley/Avco stations, they were never presented as such either on the air or in print. Perhaps in Powell Crosley's tradition of gimmicky names for products, the owners elected to insert a - after WLW...thus WLW-T [Television], WLW-D [Dayton], WLW-C [Columbus], WLW-A [Atlanta], and WLW-I [Indianapolis]. The only other station to identify in a similar manner at the time was "W-TWO" [channel 2] in Bangor, ME.

ETCETERA: Two of the three kinescope cameras built for W8XCT were later used for film and slide pickups at WLWD. --- WLWT became the first NBC affiliate in the U.S. in April 1948. The station aired kinescope films of network programs until it was connected with New York via co-axial cable in late 1949. --- Many now famous personalities made their debuts on the Crosley stations; among them, Phil Donahue. Donahue began his television career at WLWD. At first the show was aired only on the Crosley/Avco stations, but later went into syndication...continuing to originate from Dayton until 1974. --- "Boston Blackie" was produced by WLWT in 1949...the series went nationwide a few months later, continuing to originate in Cincinnati. --- WLWT had an impressive roster of live programming including "The Midwestern Hayride" and "The 50-50 Club", hosted by Ruth Lyons. Both were originally radio shows, both were adapted for television, and both were simulcast on all Crosley stations for many years. --- In August 1950 WLWT began origination of programs for the NBC network. "Cincinnati at Sunset" and "Oude Ranch Holiday" were seen regularly nationwide. The network was so impressed with the talent and production quality that it later added "Midwestern Hayride", "Straw Hat Matinee" and the long-running Ruth Lyons "50-50 Club". --- In 1950, NBC picked up another WLWT origination, "Breakfast Party". --- WLWT was a pioneer in color telecasting. In fact, the Crosley/Avco engineers adapted three RCA TK-41 color cameras with special low-light pickup tubes to air a nighttime baseball game from Crosley Field. It was the first-ever telecast of a nighttime game, and the technology was largely credited to the WLWT engineering staff. --- Other big names and special accomplishments connected with Crosley/Avco are too numerous to detail here... suffice to say, there were many!

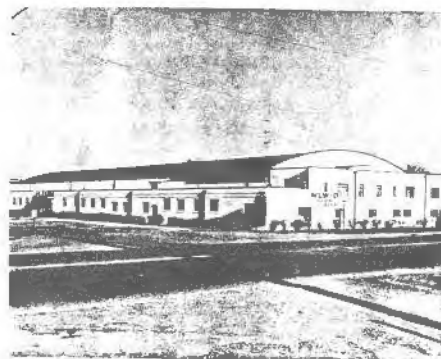
EPILOG: This remarkable broadcast conglomerate all began because one man built a wireless receiver for his son in 1921. American ingenuity and free enterprise still produce such success stories, but they are seldom as dramatic as those of broadcast pioneers such as Crosley.

[TV TIME TUNNEL - Crosley/Avco - continued...]

With special thanks to the large number of people who contributed data for this study, "TV TIME TUNNEL" concludes its visit to WLW-Land with a montage of historically significant material pertaining to and (for the most part) prepared by Crosley/Avco. I've submitted several pages, but given our Editor-in-Chief a free hand to delete whatever might be necessary to satisfy space requirements.



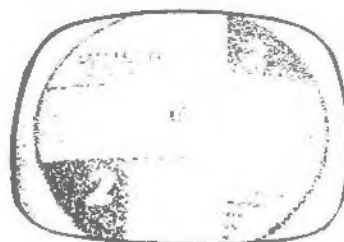
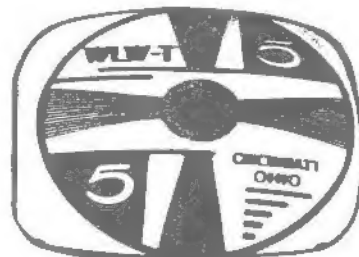
WLW-C, Columbus, Ohio



WLW-D, Dayton, Ohio



WLW-I, Indianapolis, Indiana



[TV TIME TUNNEL - Crosley/Avco - continued...]

FACTS ABOUT WLW-D DAYTON, OHIO

ESTABLISHED MARCH 15, 1949

CHANNEL	2 (54-60 megacycles)
POWER	Visual, 100 kilowatts Aural, 50 kilowatts
ANTENNA	Height, 508 feet above average terrain
EQUIPMENT	2 Studio Cameras 3 Field Cameras 2 Film Projectors (16 millimeter) 1 Automatic Slide Projector (2" x 2" Leica or Esca metal mount, Message Area: 3/4" x 3/4" centered) 1 Standard Slide Projector, 2" x 2" 1 Balopticon (Card Size: 14" x 15", Scanning Area: 5" x 7") 1 Mobile Unit with micro-wave relay and associated equipment. Three-camera pickups possible. Service the 3 WLW-TV stations.
STUDIOS	Television Square 4595 South Dixie Highway Dayton 9, Ohio Telephone: WALnut 2101 Studio A, 60' x 80'
TRANSMITTER	Plytown and West Conallton Roads, Dayton, Ohio
OPERATION	Licensed to operate full time. On the air Monday through Friday from 6:45 a.m. until approximately 1:30 a.m. On the air Saturday from 7:15 a.m. and Sunday from 8:30 a.m. until approximately 1:30 a.m.
NETWORK	Inter-connected with Cincinnati and Columbus. NBC

Radio and Television Stations

AM: WLW CINCINNATI
TV: WLW-I CINCINNATI * WLW-D DAYTON
WLW-C COLUMBUS * WLW-A ATLANTA



The Jack Denton Show at WLW-C, Columbus



George Williford hosts "Exercise in Knowledge" at WLW-I, Indianapolis



Ruth Lyons' 50-50 Club originates at WLW-I



The Jimmy McClain Show at WLW-D, Dayton